

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 17:49:17 ; Search time 104.202 Seconds
(without alignments)
852.943 Million cell updates/sec

Title: US-10-006-591A-4

Perfect score: 50
Sequence: 1 attaacactctccccctgtg.....tgacggcgcaactcaggccc 50

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA: *
1: /cgn2_6/ptodata/1/ina/1_COMB.seq: *
2: /cgn2_6/ptodata/1/ina/5_COMB.seq: *
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/H_COMB.seq: *
6: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq: *
7: /cgn2_6/ptodata/1/ina/PP_COMB.seq: *
8: /cgn2_6/ptodata/1/ina/RE_COMB.seq: *
9: /cgn2_6/ptodata/1/ina/backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	50	100.0	357	US-09-171-945-46	Sequence 46, Appl
2	50	100.0	357	US-09-910-059-46	Sequence 46, Appl
3	50	100.0	646	US-08-300-386A-2	Sequence 2, Appl
4	50	100.0	646	US-08-931-645-2	Sequence 2, Appl
5	50	100.0	646	PCT-US94-01258-2	Sequence 2, Appl
6	50	100.0	646	PCT-US95-11235-2	Sequence 2, Appl
7	50	100.0	729	US-08-276-852-152	Sequence 152, App
8	50	100.0	729	US-08-276-852-152	Sequence 152, App
9	50	100.0	729	US-08-899-575-152	Sequence 152, App
10	50	100.0	729	US-08-899-575-152	Sequence 152, App
11	50	100.0	729	US-08-899-575-152	Sequence 152, App
12	50	100.0	729	US-08-899-575-152	Sequence 152, App
13	50	100.0	729	PCT-US95-08743-152	Sequence 152, App
14	50	100.0	729	PCT-US95-08743-152	Sequence 152, App
15	50	100.0	732	PCT-US95-08743-152	Sequence 152, App
16	50	100.0	732	US-08-860-882A-29	Sequence 29, Appl
17	50	100.0	732	US-09-011-769A-26	Sequence 26, Appl
18	50	100.0	3217	US-09-423-439-52	Sequence 52, Appl
19	50	100.0	4691	US-08-591-632-43	Sequence 43, Appl
20	50	100.0	4691	US-08-591-632-43	Sequence 43, Appl
21	50	100.0	6166	US-08-591-632-51	Sequence 51, Appl
22	48.4	96.8	724	US-09-611-451-51	Sequence 51, Appl
23	48.4	96.8	1081	US-09-237-061-1	Sequence 1, Appl
24	48.4	96.8	5703	US-09-746-359A-20	Sequence 20, Appl
				US-08-467-420A-50	Sequence 50, Appl

25	48.4	96.8	5703	2	US-08-470-110A-50	Sequence 50, Appl
26	48.4	96.8	5703	2	US-08-667-769A-50	Sequence 50, Appl
27	48.4	96.8	5703	2	US-08-940-371-50	Sequence 50, Appl
28	48.4	96.8	5703	3	US-08-637-647-50	Sequence 50, Appl
29	48.4	96.8	5703	3	US-10-700-740-50	Sequence 50, Appl
30	48.4	96.8	5703	6	PCT-US95-17082A-50	Sequence 50, Appl
31	48.4	96.8	8420	3	US-09-927-121B-6	Sequence 6, Appl
32	48.4	96.8	8435	3	US-09-927-121B-90	Sequence 90, Appl
33	48.4	96.8	9182	3	US-09-927-121B-89	Sequence 89, Appl
34	48.4	96.8	13254	2	US-08-276-852-156	Sequence 156, App
35	48.4	96.8	13254	2	US-08-276-852-156	Sequence 156, App
36	48.4	96.8	13254	2	US-08-899-575-156	Sequence 156, App
37	48.4	96.8	13254	2	US-08-899-575-156	Sequence 156, App
38	48.4	96.8	13254	2	US-08-899-575-156	Sequence 156, App
39	48.4	96.8	13254	2	US-08-899-575-156	Sequence 156, App
40	48.4	96.8	13254	6	PCT-US95-08743-156	Sequence 156, App
41	48.4	96.8	13254	6	PCT-US95-08743-170	Sequence 170, App
42	47.4	94.8	337	3	US-10-134-188-27	Sequence 27, Appl
43	47.4	94.8	714	2	US-08-398-613A-27	Sequence 27, Appl
44	47.4	94.8	714	2	US-08-398-613A-27	Sequence 27, Appl
45	47.4	94.8	714	2	US-08-398-611A-27	Sequence 27, Appl

ALIGNMENTS

RESULT 1
US-09-171-945-46/c
Sequence 46, Application US/09171945
Patent No. 6277599
GENERAL INFORMATION:
APPLICANT: Emery, Stephen
APPLICANT: Copley, Clive Graham
APPLICANT: Edge, Michael Derek
TITLE OF INVENTION: Monoclonal Antibody to CEA, Conjugates Comprising Said
TITLE OF INVENTION: Antibody, and Their Therapeutic Use in an Adept System
FILE REFERENCE: Monoclonal Antibody to CEA
CURRENT APPLICATION NUMBER: US/09/171,945
CURRENT FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: GB9703103.3
PRIOR FILING DATE: 1997-02-14
PRIOR APPLICATION NUMBER: GB9609405.7
PRIOR FILING DATE: 1996-05-04
PRIOR APPLICATION NUMBER: PCT/GB97/01165
PRIOR FILING DATE: 1997-04-29
NUMBER OF SEQ ID NOS: 131
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 46
LENGTH: 357
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: humanized
US-09-171-945-46
Query Match 100.0%; Score 50; DB 3; Length 357;
Best Local Similarity 100.0%; Pred. No. 8.4e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
DB 343 ATTAACACTCTCCCTGTGAAGCTCTTGTGACGGCGGAAGTCAAGGCC 294
OR 1 ATTAACACTCTCCCTGTGAAGCTCTTGTGACGGCGGAAGTCAAGGCC 50
DB 343 ATTAACACTCTCCCTGTGAAGCTCTTGTGACGGCGGAAGTCAAGGCC 294
RESULT 2
US-09-910-059-46/c
Sequence 46, Application US/09910055
Patent No. 6903203
GENERAL INFORMATION:
APPLICANT: Copley, Clive G
APPLICANT: Edge, Michael Derek
APPLICANT: Emery, Stephen Charles
TITLE OF INVENTION: Monoclonal Antibody to CEA, Conjugates Comprising Said Antibody,

TITLE OF INVENTION: Their Therapeutic use in an Adept System
FILE REFERENCE: 1991-209
CURRENT FILING DATE: 2001-07-23
CURRENT FILING DATE: 2001-07-23
PRIOR FILING DATE: 1998-10-29
PRIOR FILING DATE: 1998-10-29
PRIOR FILING DATE: 1997-04-29
PRIOR FILING DATE: 1997-04-29
PRIOR FILING DATE: 1997-02-14
PRIOR FILING DATE: 1996-05-04
NUMBER OF SEQ ID NOS: 131
SOFTWARE: Patentin version 3.1
SEQ ID NO 46
LENGTH: 357
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: human light chain kappa constant region insert
US-09-910-059-46

Query Match 100.0%; Score 50; DB 3; Length 357;
Best Local Similarity 100.0%; Pred. No. 8,4e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGCGGAAGTCAAGGCC 50
Db 343 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGCGGAAGTCAAGGCC 294

RESULT 3

US-08-300-386A-2/c
Sequence 2, Application US/08300386A
Patent No. 5667988

GENERAL INFORMATION:
APPLICANT: Bardas, Carlos F, III
APPLICANT: Burton, Dennis A
APPLICANT: Lerner, Richard A
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute
STREET: 10666 No. 5667988th Torrey Pines Road, TPC8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/300,386A
FILING DATE: 02-SEP-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/174,674
FILING DATE: 28-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/826,623
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/012,566
FILING DATE: 02-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 34,163

REFERENCE/DOCKET NUMBER: TSRI 409.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 646 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-08-300-386A-2

Query Match 100.0%; Score 50; DB 2; Length 646;
Best Local Similarity 100.0%; Pred. No. 9.7e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGCGGAAGTCAAGGCC 50
Db 640 ATTAACACTCTCCCTGTTGAAGCTTTGTGACGGCGGAAGTCAAGGCC 591

RESULT 4

US-08-931-645-2/c
Sequence 2, Application US/08931645
Patent No. 6096551

GENERAL INFORMATION:
APPLICANT: Bardas, Carlos F, III
APPLICANT: Burton, Dennis A
APPLICANT: Lerner, Richard A
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute
STREET: 10666 No. 6096551th Torrey Pines Road, TPC8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,645
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/300,386
FILING DATE: 02-SEP-1994
APPLICATION NUMBER: US 08/174,674
FILING DATE: 28-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/826,623
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/012,566
FILING DATE: 02-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSRI 409.1
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 646 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-931-645-2

Query Match 100.0%; Score 50; DB 3; Length 646;
Best Local Similarity 100.0%; Pred. No. 9,7e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGAGCGGGGAACTCAGGCC 50
Db 640 ATTAACACTCTCCCTGTTGAAGCTCTTTGAGCGGGGAACTCAGGCC 591

RESULT 5

PCT-US94-01258-2/c
Sequence 2, Application PC/TUS9401258
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
NUMBER OF SEQUENCES: 61
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/01258
FILING DATE: 02-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/012,566
FILING DATE: 02-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/174,674
FILING DATE: 28-DEC-1993
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 646 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US94-01258-2

Query Match 100.0%; Score 50; DB 6; Length 646;
Best Local Similarity 100.0%; Pred. No. 9,7e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGAGCGGGGAACTCAGGCC 50
Db 640 ATTAACACTCTCCCTGTTGAAGCTCTTTGAGCGGGGAACTCAGGCC 591

RESULT 6

PCT-US95-11235-2/c
Sequence 2, Application PC/TUS9511235
GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute
STREET: 10666 North Torrey Pines Road, TPC8
CITY: La Jolla

STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/11235
FILING DATE: 01-SEP-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,386
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/174,674
FILING DATE: 28-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/826,623
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/012,566
FILING DATE: 02-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSRI 409.1 (PC)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 646 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US95-11235-2

Query Match 100.0%; Score 50; DB 6; Length 646;
Best Local Similarity 100.0%; Pred. No. 9,7e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGAGCGGGGAACTCAGGCC 50
Db 640 ATTAACACTCTCCCTGTTGAAGCTCTTTGAGCGGGGAACTCAGGCC 591

RESULT 7

US-08-276-852-152/c
Sequence 152, Application US/08276852
Patent No. 5652138
GENERAL INFORMATION:
APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos F
APPLICANT: Lerner, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 170
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
STREET: Patent Counsel
STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,
CITY: Mail Drop TPC8
CITY: La Jolla
STATE: CA
COUNTRY: USA

ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/276,852
FILING DATE: 18-JUL-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/178,302
FILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCR1452P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 152:
SEQUENCE CHARACTERISTICS:
LENGTH: 729 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 9..715
US-08-276-852-152

Query Match 100.0%; Score 50; DB 2; Length 729;
Best Local Similarity 100.0%; Pred. No. 9.9e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 ATTAACTCTCCCTGTTGAAGCTTTGTGACGGGCGAAGTCAAGGCC 50
Db 717 ATTAACTCTCCCTGTTGAAGCTTTGTGACGGGCGAAGTCAAGGCC 668
RESULT 8
US-08-276-852-168
Sequence 168, Application US/08276852
GENERAL INFORMATION:
PATENT No. 5652138
APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos F
APPLICANT: Lerner, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 170
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
ADDRESS: Patent Counsel
STREET: 10666 No. 5652138th Torrey Pines Road, Suite 220,
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/276,852
FILING DATE: 18-JUL-1994
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/178,302
FILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCR1452P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 168:
SEQUENCE CHARACTERISTICS:
LENGTH: 729 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-276-852-168

Query Match 100.0%; Score 50; DB 2; Length 729;
Best Local Similarity 100.0%; Pred. No. 9.9e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 ATTAACTCTCCCTGTTGAAGCTTTGTGACGGGCGAAGTCAAGGCC 50
Db 13 ATTAACTCTCCCTGTTGAAGCTTTGTGACGGGCGAAGTCAAGGCC 62

RESULT 9
US-08-899-575-152/c
Sequence 152, Application US/08899575
PATENT No. 5770440
GENERAL INFORMATION:
APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos F
APPLICANT: Lerner, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 170
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
ADDRESS: Patent Counsel
STREET: 10666 No. 5770440th Torrey Pines Road, Suite 220,
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,575
FILING DATE: 24-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/276,852
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: US 08/178,302
FILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCR1452P
TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 152:
SEQUENCE CHARACTERISTICS:
LENGTH: 729 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 9..715
US-08-899-575-152

Query Match 100.0%; Score 50; DB 2; Length 729;
Best Local Similarity 100.0%; Pred. No. 9.9e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 50
Db 717 ATTAACACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 668

RESULT 10
US-08-899-575-168
Sequence 168, Application US/08899575
Patent No. 5770440
GENERAL INFORMATION:
APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos F
APPLICANT: Lerner, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 170
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
ADDRESSEE: Patent Counsel
STREET: 10666 No. 5770440th Torrey Pines Road, Suite 220,
STREET: Mail Drop TPC8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,575
FILING DATE: 24-JUL-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/276,852
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: US 08/178,302
FILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCRI452P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 168:
SEQUENCE CHARACTERISTICS:
LENGTH: 729 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-899-575-168

Query Match 100.0%; Score 50; DB 2; Length 729;
Best Local Similarity 100.0%; Pred. No. 9.9e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 50
Db 13 ATTAACACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 62

RESULT 11
US-08-899-575-152/C
Sequence 152, Application US/08899575
Patent No. 5804440
GENERAL INFORMATION:
APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos F
APPLICANT: Lerner, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 170
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
ADDRESSEE: Patent Counsel
STREET: 10666 No. 5804440th Torrey Pines Road, Suite 220,
STREET: Mail Drop TPC8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/899,575
FILING DATE: 24-JUL-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/276,852
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: US 08/178,302
FILING DATE: 30-SEP-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCRI452P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 152:
SEQUENCE CHARACTERISTICS:
LENGTH: 729 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 9..715
US-08-899-575-152

Query Match 100.0%; Score 50; DB 2; Length 729;
Best Local Similarity 100.0%; Pred. No. 9.9e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTCTTGTGACGGGCGAACTCAGGCC 50

Db 717 ATTAACTCTCCCTGTTGAAGCTCTTTGACGGGGAAGTCAAGGCC 668

RESULT 12
US-08-899-575-168
; Sequence 168, Application US/08899575
; Patent No. 5804440
; GENERAL INFORMATION:
; APPLICANT: Burton, Dennis R
; APPLICANT: Bardas, Carlos F
; APPLICANT: Lerner, Richard A
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
; ADDRESSEE: Patent Counsel
; STREET: 10666 No. 5804440th Torrey Pines Road, Suite 220,
; STREET: Mail Drop TPC8
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/899,575
; FILING DATE: 24-JUL-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/276,852
; FILING DATE: 18-JUL-1994
; APPLICATION NUMBER: US 08/178,302
; FILING DATE: 30-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,148
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: SCR1452P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 168:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 729 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-899-575-168

Query Match 100.0%; Score 50; DB 2; Length 729;
Best Local Similarity 100.0%; Pred. No. 9.9e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 13 ATTAACTCTCCCTGTTGAAGCTCTTTGACGGGGAAGTCAAGGCC 62

RESULT 13
PCT-US95-08743-152/c
; Sequence 152, Application PC/TUS9508743
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS

; NUMBER OF SEQUENCES: 170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08743
; FILING DATE: 11-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/276,852
; FILING DATE: 18-JUL-1994
; INFORMATION FOR SEQ ID NO: 152:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 729 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 9..715
; PCT-US95-08743-152

Query Match 100.0%; Score 50; DB 6; Length 729;
Best Local Similarity 100.0%; Pred. No. 9.9e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 717 ATTAACTCTCCCTGTTGAAGCTCTTTGACGGGGAAGTCAAGGCC 668

RESULT 14
PCT-US95-08743-168
; Sequence 168, Application PC/TUS9508743
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: TO HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08743
; FILING DATE: 11-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/276,852
; FILING DATE: 18-JUL-1994
; INFORMATION FOR SEQ ID NO: 168:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 729 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US95-08743-168

Query Match 100.0%; Score 50; DB 6; Length 729;
Best Local Similarity 100.0%; Pred. No. 9.9e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 13 ATTAACTCTCCCTGTTGAAGCTCTTTGACGGGGAAGTCAAGGCC 62

RESULT 15
US-08-860-882A-29/c
; Sequence 29, Application US/08860882A

Patent No. 5985281
GENERAL INFORMATION:
APPLICANT: TAYLORSON, CHRISTOPHER JOHN
APPLICANT: EGGEITE, HENDRIKUS JOHANNES
APPLICANT: TARRAGONA-PIOL, ANTONIO
APPLICANT: RABIN, BRIAN ROBERT
APPLICANT: BOYLE, FRANCIS THOMAS
APPLICANT: HENNAM, JOHN FREDERICK
APPLICANT: BLAKELY, DAVID CHARLES
APPLICANT: MARSHAM, PETER ROBERT
APPLICANT: HEATON, DAVID WILLIAM
APPLICANT: DAVIES, DAVID HUM
TITLE OF INVENTION: CHEMICAL COMPOUNDS
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: PILLSBURY, MADISON & SUTRO
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/860,882A
FILING DATE: JUNE 23, 1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: DONALD J. BIRD
REGISTRATION NUMBER: 25,323
REFERENCE/DOCKET NUMBER: 9901/238653
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 861-3027
TELEFAX: (202) 822-0944
TELEX: 6174637 CUSH
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 732 BASE PAIRS
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-860-882A-29

Query Match 100.0%; Score 50; DB 2; Length 732;
Best Local Similarity 100.0%; Pred. No. 1e-10;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGAAGCTCAGGCC 50
DB 724 ATTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGAAGCTCAGGCC 675

Search completed: February 12, 2006, 18:04:48
Job time : 104.202 secs

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:05:05 ; Search time 603.361 Seconds
(without alignments)
685.276 Million cell updates/sec

Title: US-10-006-591A-4

Perfect score: 50
Sequence: 1 attacactctccctctgtg.....tgacggcggaactcagggccc 50

Scoring table: IDENTITY_NUC
Gapop 10.0, Gapext 1.0

Searched: 9793542 seqs, 413468905 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 10%
Listing first 45 summaries

Database :

Published Applications NA Main:*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
- 3: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
- 4: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
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- 8: /cgn2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	50	100.0	50	5	US-10-006-591-4
2	50	100.0	62	9	US-10-507-941-27
3	50	100.0	68	5	US-10-006-591-5
4	50	100.0	76	5	US-10-006-591-6
5	50	100.0	357	3	US-09-910-059-46
6	50	100.0	729	6	US-10-016-986-152
7	50	100.0	729	6	US-10-016-986-168
8	50	100.0	729	6	US-10-410-907A-1
9	50	100.0	1440	9	US-10-491-550A-19
10	50	100.0	1539	8	US-10-492-729-4
11	50	100.0	1539	8	US-10-492-729-12
12	50	100.0	2186	9	US-10-491-550A-13
13	50	100.0	2790	9	US-10-491-550A-11
14	50	100.0	2810	9	US-10-491-550A-15
15	48.4	96.8	645	9	US-10-916-758-17
16	48.4	96.8	648	9	US-10-916-758-19
17	48.4	96.8	651	9	US-10-916-758-15
18	48.4	96.8	651	9	US-10-916-758-15
19	48.4	96.8	654	9	US-10-916-758-21
20	48.4	96.8	724	3	US-09-237-061-1
21	48.4	96.8	1081	3	US-09-746-359A-20
22	48.4	96.8	1081	3	US-09-951-268-21
23	48.4	96.8	1081	3	US-09-745-792A-20

C 24	48.4	96.8	1081	6	US-10-424-658-20	Sequence 20, Appl
C 25	48.4	96.8	1081	7	US-10-471-151-27	Sequence 27, Appl
C 26	48.4	96.8	1081	9	US-10-994-116-65	Sequence 65, Appl
C 27	48.4	96.8	1081	9	US-10-994-151-65	Sequence 65, Appl
C 28	48.4	96.8	1434	10	US-11-013-537-46	Sequence 46, Appl
C 29	48.4	96.8	2700	8	US-10-227-694-3	Sequence 3, Appl
C 30	48.4	96.8	2700	8	US-10-754-212-1	Sequence 1, Appl
C 31	48.4	96.8	3000	9	US-10-697-995-16	Sequence 16, Appl
C 32	48.4	96.8	3000	9	US-10-697-995-19	Sequence 19, Appl
C 33	48.4	96.8	3100	5	US-10-227-694-6	Sequence 6, Appl
C 34	48.4	96.8	3100	8	US-10-754-212-4	Sequence 4, Appl
C 35	48.4	96.8	3242	9	US-10-697-995-4	Sequence 4, Appl
C 36	48.4	96.8	3255	9	US-10-697-995-10	Sequence 10, Appl
C 37	48.4	96.8	3300	5	US-10-020-786-1	Sequence 1, Appl
C 38	48.4	96.8	3300	5	US-10-020-786-2	Sequence 2, Appl
C 39	48.4	96.8	3300	8	US-10-764-428-4	Sequence 4, Appl
C 40	48.4	96.8	3300	8	US-10-764-428-6	Sequence 6, Appl
C 41	48.4	96.8	3300	8	US-10-764-428-8	Sequence 8, Appl
C 42	48.4	96.8	3300	8	US-10-764-428-10	Sequence 10, Appl
C 43	48.4	96.8	3300	8	US-10-764-428-12	Sequence 12, Appl
C 44	48.4	96.8	3300	8	US-10-764-428-20	Sequence 20, Appl
C 45	48.4	96.8	3300	8	US-10-764-428-22	Sequence 22, Appl

ALIGNMENTS

RESULT 1
US-10-006-591-4
Sequence 4, Application US/10006591
Publication No. US20030049731A1
GENERAL INFORMATION:
APPLICANT: Bowdoin, Katherine S.
APPLICANT: Frederickson, Shana
APPLICANT: Lin, Ying-Chi
APPLICANT: Renshaw, Mark
APPLICANT: Wild, Martha
APPLICANT: McWhirter, John
TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
FILE REFERENCE: 1087-3
CURRENT APPLICATION NUMBER: US/10/006,591
CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 50
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-006-591-4
Query Match 100.0%; Score 50; DB 5; Length 50;
Best Local Similarity 100.0%; Pred. No. 2.2e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 ATTACACTCTCCCTTTGAAGCTCTTGTGACGGCGGAAGTCAAGGCC 50
1 ATTACACTCTCCCTTTGAAGCTCTTGTGACGGCGGAAGTCAAGGCC 50
RESULT 2
US-10-507-941-27
Sequence 27, Application US/10507941
Publication No. US20050176933A1
GENERAL INFORMATION:
APPLICANT: CHEN, Zhinan
APPLICANT: XING, Jinliang
APPLICANT: ZHANG, Shih
TITLE OF INVENTION: VARIABLE REGION GENES OF HEAVY/LIGHT CHAIN OF ANTI-HUMAN HEPATOMA
TITLE OF INVENTION: MONOCLONAL ANTIBODY HAB18 AND USE THEREOF

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1 FILE REFERENCE: 264.1001
2
3 CURRENT APPLICATION NUMBER: US/10/507,941
4
5 CURRENT FILING DATE: 2004-09-15
6
7 PRIOR APPLICATION NUMBER: CN 02114471.0
8
9 PRIOR FILING DATE: 2002-03-15
10
11 NUMBER OF SEQ ID NOS: 27
12
13 SOFTWARE: PatentIn version 3.3
14
15 SEQ ID NO 27
16
17 LENGTH: 62
18
19 TYPE: DNA
20
21 ORGANISM: Mouse
22
23 US-10-507-941-27

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Query Match	100.0%	Score 50:	DB 9;	Length 62;
Best Local Similarly	100.0%	Pred. No. 2.4e-11;		
Matches 50; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

Oy

1 ATTAACACTCTCCCTGTGAGCCTTTTGTGACGGGGCGAACTCAGGCC 50
|||||
|||

Db

13 ATTAACTCTCCCCTGTGAGCCTTTTGTGACGGGGCGAACTCAGGCC 62

RESULT 3
US-10-006-591-5/c
; Sequence 5, Application US/10006591
; Publication No. US20030049731A1

/ GENERAL INFORMATION:
 / APPLICANT: Bowdish, Katherine S.
 / APPLICANT: Frederickson, Shana
 / APPLICANT: Lin, Ying-Chi
 / APPLICANT: Renshaw, Mark
 / APPLICANT: Wild, Martha
 / APPLICANT: McMilliter, John
 / TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES

```

/ CURRENT APPLICATION NUMBER: US/10/006,591
/ CURRENT FILING DATE: 2001-12-05
/ PRIOR APPLICATION NUMBER: 60/251,440
/ PRIOR FILING DATE: 2000-12-05
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 5
/ LENGTH: 68
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: duplexing oligo
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (2)..(2)
/ OTHER INFORMATION: n is a or g
US-10-006-591-5

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Query Match	100.0%	Score 50;	DB 5;	Length 68;
Best Local Similarity	100.0%;	Pred. No. 2.4e-11;		
Matches 50; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

QY 1 ATTAACACTCTCCCTGTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 50
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67 ATTAACACTCTCCCTGTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 18

RESULT 4
US-10-006-591-6

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1 Sequence 6, Application US/10006559
2 Publication No. US20030049731A1
3
4 GENERAL INFORMATION:
5
6 APPLICANT: Bowdish, Katherine S.
7 APPLICANT: Frederickson, Shana
8 APPLICANT: Lin, Ying-Chi
9 APPLICANT: Renshaw, Mark
10 APPLICANT: Wild, Mattha
11 APPLICANT: McWhitter, John

```

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1  TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
2
3  FILE REFERENCE: 1087-3
4
5  CURRENT APPLICATION NUMBER: US/10/006,591
6
7  CURRENT FILING DATE: 2001-12-05
8
9  PRIOR APPLICATION NUMBER: 60/251,440
10
11 PRIOR FILING DATE: 2000-12-05
12
13 NUMBER OF SEQ ID NOS: 14
14
15 SOFTWARE: PatentIn version 3.1
16
17 SEQ ID NO: 6
18
19 LENGTH: 76
20
21 TYPE: DNA
22
23 ORGANISM: Artificial Sequence
24
25 FEATURE:
26
27 OTHER INFORMATION: Description of Artificial Sequence: duplexing oligo
28
29 FEATURE:
30
31 NAME/KEY: misc_feature
32
33 LOCATION: (71)..(71)
34
35 OTHER INFORMATION: n is c or t
36
37 US-10-006-591-6

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Query Match	100.0%	Score 50;	DB 5;	Length 76;
Best Local Similarity	100.0%;	Pred. No. 2.5e-11;		
Matches 50; Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

[illegible]

RESULT 5
US-09-910-059-46/c
; Sequence 46, Application US/09910055
; Patent No. US20020142359A1

/ APPLICANT: Copley, Clive G
 / APPLICANT: Edge, Michael Derek
 / APPLICANT: Emery, Stephen Charles
 / TITLE OF INVENTION: Monoclonal Antibody to CE6, Conjugates Comprising Said Antibody,
 / TITLE OF INVENTION: Their Therapeutic use in an Adept System
 / FILE REFERENCE: 1991-209
 / CURRENT APPLICATION NUMBER: US/09/910,059
 / CURRENT FILING DATE: 2001-07-23
 / PRIOR APPLICATION NUMBER: US 09/171,945
 / PRIOR FILING DATE: 1998-10-29
 / PRIOR APPLICATION NUMBER: PCT/GB97/01165
 / PRIOR FILING DATE: 1997-04-29
 / PRIOR APPLICATION NUMBER: GB 9703103.3
 / PRIOR FILING DATE: 1997-02-14
 / PRIOR APPLICATION NUMBER: GB9609405.7
 / PRIOR FILING DATE: 1996-05-04
 / NUMBER OF SEQ ID NOS: 131
 / SOFTWARE: PatentIn version 3.1

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; LENGTH: 357
; TYPE: DNA
; ORGANISM: Artificial Sequence
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OTHER INFORMATION: human light chain kappa constant region insert
US-09-910-059-46

Query Match	100.0%	Score 50;	DB 3;	Length 357;
Best Local Similarity	100.0%	Pred. No. 3.6e-11;		
Matches 50; Conservative	0;	Mismatches	0;	Gaps 0.

Dy 1 ATTAACTCTCCCTGTGAAGCTTTTGTGACGGGCCAATCAGCCCC 50
|||
Db 343 ATTAACA CTCTCCC GTTG AAGCT TTTGT GACGG GCCAA CTCAG CCCC 29

RESULT 6
US-10-016-986-152/c

; Sequence 152, Application US/10016986
; Publication No. US20030187247A1

GENERAL INFORMATION:
APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos F
APPLICANT: Letner, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
FILE REFERENCE: 313.2CON1
CURRENT APPLICATION NUMBER: US/10/016,986
CURRENT FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: US 09/149,898
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: US 08/899,575
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 08/276,852
PRIOR FILING DATE: 1994-07-18
PRIOR APPLICATION NUMBER: US 08/178,302
PRIOR FILING DATE: 1994-01-06
PRIOR APPLICATION NUMBER: PCT/US93/09328
PRIOR FILING DATE: 1993-09-30
PRIOR APPLICATION NUMBER: US 07/954,148
PRIOR FILING DATE: 1992-09-30
NUMBER OF SEQ ID NOS: 176
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 152
LENGTH: 729
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthesized
FEATURE:
NAME/KEY: CDS
LOCATION: (9)...(716)
US-10-016-986-152

Query Match 100.0%; Score 50; DB 6; Length 729;
Best Local Similarity 100.0%; Pred. No. 4,2e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAACCTCAGGCC 50
Db 717 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAACCTCAGGCC 668

RESULT 7
US-10-016-986-168
Sequence 168, Application US/10016986
Publication No. US20030187247A1
GENERAL INFORMATION:
APPLICANT: Burton, Dennis R
APPLICANT: Barbas, Carlos F
APPLICANT: Letner, Richard A
TITLE OF INVENTION: HUMAN NEUTRALIZING MONOCLONAL ANTIBODIES
FILE REFERENCE: 313.2CON1
CURRENT APPLICATION NUMBER: US/10/016,986
CURRENT FILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: US 09/149,898
PRIOR FILING DATE: 1998-09-08
PRIOR APPLICATION NUMBER: US 08/899,575
PRIOR FILING DATE: 1997-07-24
PRIOR APPLICATION NUMBER: US 08/276,852
PRIOR FILING DATE: 1994-07-18
PRIOR APPLICATION NUMBER: US 08/178,302
PRIOR FILING DATE: 1994-01-06
PRIOR APPLICATION NUMBER: PCT/US93/09328
PRIOR FILING DATE: 1993-09-30
PRIOR APPLICATION NUMBER: US 07/954,148
PRIOR FILING DATE: 1992-09-30
NUMBER OF SEQ ID NOS: 176
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 168
LENGTH: 729
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthesized
US-10-016-986-168

Query Match 100.0%; Score 50; DB 6; Length 729;
Best Local Similarity 100.0%; Pred. No. 4,2e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAACCTCAGGCC 50
Db 13 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAACCTCAGGCC 62

RESULT 8
US-10-410-907A-1/c
Sequence 1, Application US/10410907A
Publication No. US20030215880A1
GENERAL INFORMATION:
APPLICANT: Dennis R. Burton
APPLICANT: R. Anthony Williamson
APPLICANT: Gianluca Moroncini
TITLE OF INVENTION: MOTIF-GRAFTED HYBRID POLYPEPTIDES AND
FILE REFERENCE: 22908-1229
CURRENT APPLICATION NUMBER: US/10/410,907A
CURRENT FILING DATE: 2003-04-08
PRIOR APPLICATION NUMBER: 60/371,610
PRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 729
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (9)...(715)
OTHER INFORMATION: 19g Fab b12- Light Chain
US-10-410-907A-1

Query Match 100.0%; Score 50; DB 6; Length 729;
Best Local Similarity 100.0%; Pred. No. 4,2e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAACCTCAGGCC 50
Db 717 ATTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAACCTCAGGCC 668

RESULT 9
US-10-491-550A-19/c
Sequence 19, Application US/10491550A
Publication No. US20050130124A1
GENERAL INFORMATION:
APPLICANT: Cargene Corporation
TITLE OF INVENTION: Phagemid Display System
FILE REFERENCE: 85128-903
CURRENT APPLICATION NUMBER: US/10/491,550A
CURRENT FILING DATE: 2004-04-02
PRIOR APPLICATION NUMBER: US 60/326984
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.2
SEQ ID NO 19
LENGTH: 1440
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: PMAB103
US-10-491-550A-19

Query Match 100.0%; Score 50; DB 9; Length 1440;
Best Local Similarity 100.0%; Pred. No. 5e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 50
Db 662 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 613

RESULT 10

US-10-492-729-4/c
Sequence 4, Application US/10492729
Publication No. US20040259075A1
GENERAL INFORMATION:
APPLICANT: Dimitrov, Dimitar S
APPLICANT: Moulard, Maxime
APPLICANT: Xiao, Xiadong
APPLICANT: Shu, Yunei
APPLICANT: Phogat, Sanjay K
APPLICANT: Burton, Dennis
TITLE OF INVENTION: BROADLY CROSS-REACTIVE NEUTRALIZING ANTIBODIES AGAINST HUMAN
FILE REFERENCE: 227062
CURRENT APPLICATION NUMBER: US/10/492,729
PRIOR FILING DATE: 2004-04-15
PRIOR APPLICATION NUMBER: PCT/US02/33165
PRIOR FILING DATE: 2002-10-16
PRIOR APPLICATION NUMBER: 60/329,709
PRIOR FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
LENGTH: 1539
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-492-729-4

Query Match 100.0%; Score 50; DB 8; Length 1539;
Best Local Similarity 100.0%; Pred. No. 5e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 50
Db 715 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 666

RESULT 11

US-10-492-729-12/c
Sequence 12, Application US/10492729
Publication No. US20040259075A1
GENERAL INFORMATION:
APPLICANT: Dimitrov, Dimitar S
APPLICANT: Moulard, Maxime
APPLICANT: Xiao, Xiadong
APPLICANT: Shu, Yunei
APPLICANT: Phogat, Sanjay K
APPLICANT: Burton, Dennis
TITLE OF INVENTION: BROADLY CROSS-REACTIVE NEUTRALIZING ANTIBODIES AGAINST HUMAN
FILE REFERENCE: 227062
CURRENT APPLICATION NUMBER: US/10/492,729
PRIOR FILING DATE: 2004-04-15
PRIOR APPLICATION NUMBER: PCT/US02/33165
PRIOR FILING DATE: 2002-10-16
PRIOR APPLICATION NUMBER: 60/329,709
PRIOR FILING DATE: 2001-10-16
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn version 3.2

SEQ ID NO 12
LENGTH: 1539
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-492-729-12

Query Match 100.0%; Score 50; DB 8; Length 1539;
Best Local Similarity 100.0%; Pred. No. 5e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 50
Db 715 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 666

RESULT 12

US-10-491-550A-13/c
Sequence 13, Application US/10491550A
Publication No. US20050130124A1
GENERAL INFORMATION:
APPLICANT: Cangene Corporation
TITLE OF INVENTION: Phagemid Display System
FILE REFERENCE: 85128-903
CURRENT APPLICATION NUMBER: US/10/491,550A
PRIOR FILING DATE: 2004-04-02
PRIOR APPLICATION NUMBER: US 60/326984
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/32531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13
LENGTH: 2186
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: PMAB66
US-10-491-550A-13

Query Match 100.0%; Score 50; DB 9; Length 2186;
Best Local Similarity 100.0%; Pred. No. 5.5e-11;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 50
Db 745 ATTACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAACTCAGGCC 696

RESULT 13

US-10-491-550A-11/c
Sequence 11, Application US/10491550A
Publication No. US20050130124A1
GENERAL INFORMATION:
APPLICANT: Cangene Corporation
TITLE OF INVENTION: Phagemid Display System
FILE REFERENCE: 85128-903
CURRENT APPLICATION NUMBER: US/10/491,550A
PRIOR FILING DATE: 2004-04-02
PRIOR APPLICATION NUMBER: US 60/326984
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/332531
PRIOR FILING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.2
SEQ ID NO 11
LENGTH: 2790
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: PMAB29
US-10-491-550A-11

Query Match 100.0%; Score 50; DB 9; Length 2790;
 Best Local Similarity 100.0%; Pred. No. 5.8e-11;
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATTAACACTCTCCCTGTGTAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50
 DB 745 ATTAACACTCTCCCTGTGTAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 696

RESULT 14
 US-10-491-550A-15/c
 ; Sequence 15, Application US/10491550A
 ; Publication No. US20050130124A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cargene Corporation
 ; TITLE OF INVENTION: Phagemid Display System
 ; FILE REFERENCE: 85128-903
 ; CURRENT APPLICATION NUMBER: US/10/491,550A
 ; CURRENT FILING DATE: 2004-04-02
 ; PRIOR APPLICATION NUMBER: US 60/326984
 ; PRIOR FILING DATE: 2001-10-05
 ; PRIOR APPLICATION NUMBER: US 60/332531
 ; PRIOR FILING DATE: 2001-11-26
 ; NUMBER OF SEQ ID NOS: 20
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 15
 ; LENGTH: 2810
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: PMAB77
 US-10-491-550A-15

Query Match 100.0%; Score 50; DB 9; Length 2810;
 Best Local Similarity 100.0%; Pred. No. 5.8e-11;
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATTAACACTCTCCCTGTGTAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50
 DB 745 ATTAACACTCTCCCTGTGTAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 696

RESULT 15
 US-10-916-758-17/c
 ; Sequence 17, Application US/10916758
 ; Publication No. US20050180977A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Nikon, Andrew
 ; APPLICANT: Madison, Edwin L.
 ; TITLE OF INVENTION: ENDOTHELINASE-2 LIGANDS
 ; FILE REFERENCE: 10280-065001
 ; CURRENT APPLICATION NUMBER: US/10/916,758
 ; CURRENT FILING DATE: 2004-08-12
 ; PRIOR APPLICATION NUMBER: US 60/520,164
 ; PRIOR FILING DATE: 2003-11-14
 ; PRIOR APPLICATION NUMBER: US 60/495,005
 ; PRIOR FILING DATE: 2003-08-14
 ; NUMBER OF SEQ ID NOS: 113
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 17
 ; LENGTH: 645
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetically generated oligonucleotide
 US-10-916-758-17

Query Match 96.8%; Score 48.4; DB 9; Length 645;
 Best Local Similarity 98.0%; Pred. No. 2e-10;
 Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 ATTAACACTCTCCCTGTGTAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50

DB 643 ATTAACACTCTCCCTGTGTAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 594

Search completed: February 12, 2006, 18:36:51
 Job time : 604.361 secs

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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:12:58 ; Search time 348.74 Seconds
(without alignments)
128.916 Million cell updates/sec

Title: US-10-006-591a-4

Perfect score: 50

Sequence: 1 attaacactctccctctgctg.....tgacggcggaactcagggcc 50

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 6240305 seqs, 449581930 residues

Total number of hits satisfying chosen parameters: 12480610

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA New:*

- 1: /cgn2_6/ptodata/1/pubnna/US06_NEW_PUB.seq:*
- 2: /cgn2_6/ptodata/1/pubnna/US06_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubnna/US07_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/1/pubnna/PC1_NEW_PUB.seq:*
- 5: /cgn2_6/ptodata/1/pubnna/US09_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/1/pubnna/US10_NEW_PUB.seq:*
- 7: /cgn2_6/ptodata/1/pubnna/US10_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/1/pubnna/US11_NEW_PUB.seq:*
- 9: /cgn2_6/ptodata/1/pubnna/US11_NEW_PUB.seq:*
- 10: /cgn2_6/ptodata/1/pubnna/US11_NEW_PUB.seq:*
- 11: /cgn2_6/ptodata/1/pubnna/US11_NEW_PUB.seq:*
- 12: /cgn2_6/ptodata/1/pubnna/US60_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	48.4	96.8	660	11	US-11-049-536-702
2	47.4	94.8	1101	11	US-11-075-351-37
3	47.4	94.8	1125	11	US-11-075-351-41
4	47.4	94.8	1236	11	US-11-075-351-46
5	47.4	94.8	1720	11	US-11-054-669-108
6	47.4	94.8	5391	6	US-10-981-356A-44
7	47.4	94.8	5391	11	US-11-096-046-94
8	47.4	94.8	5391	11	US-11-106-820-21
9	47.4	94.8	5391	11	US-11-190-364-19
10	47.4	94.8	5678	11	US-11-106-820-17
11	47.4	94.8	5678	11	US-11-106-820-18
12	47.4	94.8	5678	11	US-11-190-364-16
13	47.4	94.8	5679	11	US-11-106-820-13
14	47.4	94.8	5679	11	US-11-106-820-14
15	47.4	94.8	5679	11	US-11-190-364-13
16	46.8	93.6	714	11	US-11-128-900-62
17	46.4	92.8	321	11	US-11-165-141-16
18	46.4	92.8	427	11	US-11-000-688-56
19	46.4	92.8	455	11	US-11-024-251-12
20	46.4	92.8	455	11	US-11-024-251-13
21	46.4	92.8	481	11	US-11-000-688-50

c 22	46.4	92.8	600	11	US-11-136-527-7222	Sequence 7222, App
c 23	46.4	92.8	642	11	US-11-158-505-76	Sequence 76, Appl
c 24	46.4	92.8	702	11	US-11-128-900-41	Sequence 41, Appl
c 25	46.4	92.8	702	11	US-11-128-900-58	Sequence 58, Appl
c 26	46.4	92.8	705	11	US-11-128-900-43	Sequence 43, Appl
c 27	46.4	92.8	705	11	US-11-128-900-60	Sequence 60, Appl
c 28	46.4	92.8	708	11	US-11-128-900-40	Sequence 40, Appl
c 29	46.4	92.8	708	11	US-11-128-900-56	Sequence 56, Appl
c 30	46.4	92.8	711	11	US-11-041-095-2	Sequence 2, Appl
c 31	46.4	92.8	717	11	US-11-158-505-2	Sequence 2, Appl
c 32	46.4	92.8	717	11	US-11-158-505-10	Sequence 10, Appl
c 33	46.4	92.8	717	11	US-11-158-505-18	Sequence 18, Appl
c 34	46.4	92.8	717	11	US-11-158-505-26	Sequence 26, Appl
c 35	46.4	92.8	717	11	US-11-158-505-73	Sequence 73, Appl
c 36	46.4	92.8	953	11	US-11-091-883-225	Sequence 225, App
c 37	46.4	92.8	956	11	US-11-136-527-3126	Sequence 3126, App
c 38	46.4	92.8	1244	11	US-11-091-883-52	Sequence 52, Appl
c 39	46.4	92.8	1404	11	US-11-000-463-663	Sequence 663, Appl
c 40	46.4	92.8	1450	11	US-11-000-463-568	Sequence 568, App
c 41	46.4	92.8	1450	11	US-11-000-463-569	Sequence 569, App
c 42	46.4	92.8	1450	11	US-11-000-463-570	Sequence 570, App
c 43	46.4	92.8	1450	11	US-11-000-463-571	Sequence 571, App
c 44	46.4	92.8	1458	11	US-11-000-463-191	Sequence 191, App
c 45	46.4	92.8	1710	11	US-11-000-463-99	Sequence 99, Appl

ALIGNMENTS

RESULT 1
US-11-049-536-702/c
; Sequence 702, Application US/11049536
; Publication No. US20060024297A1
; GENERAL INFORMATION:
; APPLICANT: Wood, Clive R.
; APPLICANT: Dransfield, Daniel T.
; APPLICANT: Pleters, Henk
; APPLICANT: Hoet, Rene
; APPLICANT: Hulston, Simon E.
; TITLE OF INVENTION: THE COMPLEX BINDING PROTEINS
; FILE REFERENCE: 10280-128001
; CURRENT APPLICATION NUMBER: US/11/049,536
; CURRENT FILING DATE: 2005-02-02
; PRIOR APPLICATION NUMBER: US 10/916,840
; PRIOR FILING DATE: 2004-08-12
; PRIOR APPLICATION NUMBER: US 60/494,713
; PRIOR FILING DATE: 2003-08-12
; NUMBER OF SEQ ID NOS: 721
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 702
; LENGTH: 660
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antibody
US-11-049-536-702
Query Match 96.8%; Score 48.4; DB 11; Length 660;
Best Local Similarity 96.0%; Pred. No. 3.4e-10;
Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
CY 1 ATTAACACTCTCCCTGTGAAGCTCTTGTGACGGCGGAAGCTAGAGGCC 50
DB 658 ATTAACACTCTCCCTGTGAAGCTCTTGTGACGGCGGAAGCTAGAGGCC 609
RESULT 2
US-11-075-351-37/c
; Sequence 37, Application US/11075351
; Publication No. US20050260716A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Margaret D.
; APPLICANT: Fox, Brian A.

;; TITLE OF INVENTION: DIMERIC FUSION PROTEINS AND MATERIALS
;; TITLE OF INVENTION: AND METHODS FOR PRODUCING THEM
;; FILE REFERENCE: 02-16
;; CURRENT APPLICATION NUMBER: US/11/075,351
;; CURRENT FILING DATE: 2005-03-08
;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 37
;; LENGTH: 1101
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: DNA encoding fusion protein
;; NAME/KEY: CDS
;; LOCATION: (1)...(1101)
US-11-075-351-37

Query Match 94.8%; Score 47.4; DB 11; Length 1101;
Best Local Similarity 98.0%; Pred. No. 9.7e-10;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50
Db 1101 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 1053

RESULT 3
US-11-075-351-41/c
;; Sequence 41, Application US/11075351
;; Publication No. US20050260716A1
;; GENERAL INFORMATION:
;; APPLICANT: Moore, Margaret D.
;; TITLE OF INVENTION: DIMERIC FUSION PROTEINS AND MATERIALS
;; TITLE OF INVENTION: AND METHODS FOR PRODUCING THEM
;; FILE REFERENCE: 02-16
;; CURRENT APPLICATION NUMBER: US/11/075,351
;; CURRENT FILING DATE: 2005-03-08
;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 41
;; LENGTH: 1125
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: DNA encoding fusion protein
;; NAME/KEY: CDS
;; LOCATION: (1)...(1125)
US-11-075-351-41

Query Match 94.8%; Score 47.4; DB 11; Length 1125;
Best Local Similarity 98.0%; Pred. No. 9.7e-10;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50
Db 1125 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 1077

RESULT 4
US-11-075-351-46/c
;; Sequence 46, Application US/11075351
;; Publication No. US20050260716A1
;; GENERAL INFORMATION:
;; APPLICANT: Moore, Margaret D.
;; TITLE OF INVENTION: DIMERIC FUSION PROTEINS AND MATERIALS
;; TITLE OF INVENTION: AND METHODS FOR PRODUCING THEM
;; FILE REFERENCE: 02-16
;; CURRENT APPLICATION NUMBER: US/11/075,351
;; CURRENT FILING DATE: 2005-03-08

;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 46
;; LENGTH: 1236
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: DNA encoding fusion protein
;; NAME/KEY: CDS
;; LOCATION: (1)...(1236)
US-11-075-351-46

Query Match 94.8%; Score 47.4; DB 11; Length 1236;
Best Local Similarity 98.0%; Pred. No. 1e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50
Db 1236 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 1188

RESULT 5
US-11-054-669-108/c
;; Sequence 108, Application US/11054669
;; Publication No. US20050261480A1
;; GENERAL INFORMATION:
;; APPLICANT: Foote, Jefferson
;; TITLE OF INVENTION: SUPER HUMANIZED ANTIBODIES
;; FILE REFERENCE: 30219/US/3
;; CURRENT APPLICATION NUMBER: US/11/054,669
;; CURRENT FILING DATE: 2005-02-08
;; PRIOR APPLICATION NUMBER: US 10/194,975
;; PRIOR FILING DATE: 2002-07-12
;; PRIOR APPLICATION NUMBER: US 60/305,111
;; PRIOR FILING DATE: 2001-07-12
;; NUMBER OF SEQ ID NOS: 124
;; SOFTWARE: PatentIn version 3.3
;; SEQ ID NO 108
;; LENGTH: 1720
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: (119)...(829)
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: (914)...(1663)
US-11-054-669-108

Query Match 94.8%; Score 47.4; DB 11; Length 1720;
Best Local Similarity 98.0%; Pred. No. 1.1e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 50
Db 832 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGCGGAAGCTCAGGCC 784

RESULT 6
US-10-981-356A-44/c
;; Sequence 44, Application US/10981356A
;; Publication No. US20060015952A1
;; GENERAL INFORMATION:
;; APPLICANT: PIVVAROFF, ELLEN H.
;; TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT
;; FILE REFERENCE: P2068R1
;; CURRENT APPLICATION NUMBER: US/10/981,356A
;; CURRENT FILING DATE: 2004-11-04
;; PRIOR APPLICATION NUMBER: US 60/520,398
;; PRIOR FILING DATE: 2003-11-13
;; PRIOR APPLICATION NUMBER: US 60/557,951
;; PRIOR FILING DATE: 2004-03-31

NUMBER OF SEQ ID NOS: 45
SEQ ID NO 44
LENGTH: 5391
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Sequence is synthesized
US-10-981-356A-44

Query Match 94.8%; Score 47.4; DB 11; Length 5391;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 50
DB 1630 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 1582

RESULT 7
US-11-096-046-44/c
Sequence 44, Application US/11096046
Publication No. US20050276802A1
GENERAL INFORMATION:
APPLICANT: ADAMS, CAMELIA W.
APPLICANT: FERRARA, NAPOLEONE
APPLICANT: FILVAROFF, ELLEN H.
APPLICANT: MAO, WEIGUANG
APPLICANT: PRESTA, LEONARD G.
APPLICANT: TEJADA, MAX L.
TITLE OF INVENTION: Humanized Anti-TGF-Beta Antibodies
FILE REFERENCE: P1954RIUS
CURRENT APPLICATION NUMBER: US/11/096,046
CURRENT FILING DATE: 2005-03-31
PRIOR APPLICATION NUMBER: US 60/558,230
PRIOR FILING DATE: 2004-03-31
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 44
LENGTH: 5391
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: sequence is synthesized
US-11-096-046-44

Query Match 94.8%; Score 47.4; DB 11; Length 5391;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 50
DB 1630 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 1582

RESULT 8
US-11-106-820-21/c
Sequence 21, Application US/11106820
Publication No. US2006002930A1
GENERAL INFORMATION:
APPLICANT: BRUNETTA, PAUL G.
APPLICANT: SEWELL, KATHRYN L.
TITLE OF INVENTION: Treatment of Disorders
FILE REFERENCE: P2102R1
CURRENT APPLICATION NUMBER: US/11/106,820
CURRENT FILING DATE: 2005-04-15
PRIOR APPLICATION NUMBER: US 60/563,227
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 60/565,098
PRIOR FILING DATE: 2004-04-22
NUMBER OF SEQ ID NOS: 45
SEQ ID NO 21
LENGTH: 5391
TYPE: DNA
ORGANISM: Homo sapiens

US-11-106-820-21

Query Match 94.8%; Score 47.4; DB 11; Length 5391;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 50
DB 1630 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 1582

RESULT 9
US-11-190-364-19/c
Sequence 19, Application US/11190364
Publication No. US20060024300A1
GENERAL INFORMATION:
APPLICANT: ADAMS ET AL.
TITLE OF INVENTION: Immunoglobulin Variants and Uses Thereof
FILE REFERENCE: P1990R3C1P1
CURRENT APPLICATION NUMBER: US/11/190,364
CURRENT FILING DATE: 2005-07-26
PRIOR APPLICATION NUMBER: US 60/434,115
PRIOR FILING DATE: 2002-12-16
PRIOR APPLICATION NUMBER: US 60/526,163
PRIOR FILING DATE: 2003-12-01
PRIOR APPLICATION NUMBER: PCT/US03/40426
PRIOR FILING DATE: 2003-12-16
PRIOR APPLICATION NUMBER: US 11/147,780
PRIOR FILING DATE: 2005-06-07
NUMBER OF SEQ ID NOS: 38
SEQ ID NO 19
LENGTH: 5391
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Sequence is synthesized
US-11-190-364-19

Query Match 94.8%; Score 47.4; DB 11; Length 5391;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 50
DB 1630 TTAACTCTCCCTGTTGAAGCTCTTGTGACGGGGGAAGCTCAGGCC 1582

RESULT 10
US-11-106-820-17/c
Sequence 17, Application US/11106820
Publication No. US2006002930A1
GENERAL INFORMATION:
APPLICANT: BRUNETTA, PAUL G.
APPLICANT: SEWELL, KATHRYN L.
TITLE OF INVENTION: Treatment of Disorders
FILE REFERENCE: P2102R1
CURRENT APPLICATION NUMBER: US/11/106,820
CURRENT FILING DATE: 2005-04-15
PRIOR APPLICATION NUMBER: US 60/563,227
PRIOR FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: US 60/565,098
PRIOR FILING DATE: 2004-04-22
NUMBER OF SEQ ID NOS: 45
SEQ ID NO 17
LENGTH: 5678
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: sequence is synthesized
US-11-106-820-17

Query Match 94.8%; Score 47.4; DB 11; Length 5678;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;

Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50
Db 1148 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 1100

RESULT 11
US-11-106-820-18
; Sequence 18, Application US/11106820
; Publication No. US2006002930A1
; GENERAL INFORMATION:
; APPLICANT: BRUNETTA, PAUL G.
; TITLE OF INVENTION: Treatment of Disorders
; FILE REFERENCE: P2102R1
; CURRENT APPLICATION NUMBER: US/11/106,820
; PRIOR FILING DATE: 2005-04-15
; PRIOR APPLICATION NUMBER: US 60/563,227
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 60/565,098
; PRIOR FILING DATE: 2004-04-22
; NUMBER OF SEQ ID NOS: 45
; SEQ ID NO 18
; LENGTH: 5678
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence is synthesized
US-11-106-820-18

Query Match 94.8%; Score 47.4; DB 11; Length 5678;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50
Db 4531 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 4579

RESULT 12
US-11-190-364-16/c
; Sequence 16, Application US/11190364
; Publication No. US20060024300A1
; GENERAL INFORMATION:
; APPLICANT: Adams ET AL.
; TITLE OF INVENTION: Immunoglobulin Variants and Uses thereof
; FILE REFERENCE: P1990R3C1P1
; CURRENT APPLICATION NUMBER: US/11/190,364
; CURRENT FILING DATE: 2005-07-26
; PRIOR APPLICATION NUMBER: US 60/434,115
; PRIOR FILING DATE: 2002-12-16
; PRIOR APPLICATION NUMBER: US 60/526,163
; PRIOR FILING DATE: 2003-12-01
; PRIOR APPLICATION NUMBER: PCT/US03/40426
; PRIOR FILING DATE: 2003-12-16
; PRIOR APPLICATION NUMBER: US 11/147,780
; PRIOR FILING DATE: 2005-06-07
; NUMBER OF SEQ ID NOS: 38
; SEQ ID NO 16
; LENGTH: 5678
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence is chimeric
US-11-190-364-16

Query Match 94.8%; Score 47.4; DB 11; Length 5678;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50
Db 1148 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 1100

Db 1148 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 1100

RESULT 13
US-11-106-820-13/c
; Sequence 13, Application US/11106820
; Publication No. US2006002930A1
; GENERAL INFORMATION:
; APPLICANT: BRUNETTA, PAUL G.
; TITLE OF INVENTION: Treatment of Disorders
; FILE REFERENCE: P2102R1
; CURRENT APPLICATION NUMBER: US/11/106,820
; CURRENT FILING DATE: 2005-04-15
; PRIOR APPLICATION NUMBER: US 60/563,227
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 60/565,098
; PRIOR FILING DATE: 2004-04-22
; NUMBER OF SEQ ID NOS: 45
; SEQ ID NO 13
; LENGTH: 5679
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence is synthesized
US-11-106-820-13

Query Match 94.8%; Score 47.4; DB 11; Length 5679;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50
Db 1164 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 1116

RESULT 14
US-11-106-820-14
; Sequence 14, Application US/11106820
; Publication No. US2006002930A1
; GENERAL INFORMATION:
; APPLICANT: BRUNETTA, PAUL G.
; APPLICANT: SEWELL, KATHRYN L.
; TITLE OF INVENTION: Treatment of Disorders
; FILE REFERENCE: P2102R1
; CURRENT APPLICATION NUMBER: US/11/106,820
; CURRENT FILING DATE: 2005-04-15
; PRIOR APPLICATION NUMBER: US 60/563,227
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 60/565,098
; PRIOR FILING DATE: 2004-04-22
; NUMBER OF SEQ ID NOS: 45
; SEQ ID NO 14
; LENGTH: 5679
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence is synthesized
US-11-106-820-14

Query Match 94.8%; Score 47.4; DB 11; Length 5679;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 50
Db 4516 TTAACACTCTCCCTGTTGAAGCTCTTTGTGACGGGCGAAGCTCAGGCC 4564

RESULT 15
US-11-190-364-13/c
; Sequence 13, Application US/11190364
; Publication No. US20060024300A1

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/ GENERAL INFORMATION:
/ APPLICANT: Adams ET AL.
/ TITLE OF INVENTION: Immunoglobulin Variants and Uses Thereof
/ FILE REFERENCE: P190R3C1P1
/ CURRENT APPLICATION NUMBER: US/11/190,364
/ CURRENT FILING DATE: 2005-07-26
/ PRIOR APPLICATION NUMBER: US 60/434,115
/ PRIOR FILING DATE: 2002-12-16
/ PRIOR APPLICATION NUMBER: US 60/526,163
/ PRIOR FILING DATE: 2003-12-01
/ PRIOR APPLICATION NUMBER: PCT/US03/40426
/ PRIOR FILING DATE: 2003-12-16
/ PRIOR APPLICATION NUMBER: US 11/147,780
/ PRIOR FILING DATE: 2005-06-07
/ NUMBER OF SEQ ID NOS: 38
/ SEQ ID NO 13
/ LENGTH: 5679
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Sequence is synthesized
US-11-190-364-13

Query Match          94.8%; Score 47.4; DB 11; Length 5679;
Best Local Similarity 98.0%; Pred. No. 1.4e-09;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      2  TTAACTCTCCCTGTTGAAGCTCTTTGTGACGCGGCGAACTCAAGGCC 50
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Db      1164 TTAACTCTCCCTGTTGAAGCTCTTTGTGACGCGGCGAACTCAAGGCC 1116

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 Job time : 348.74 secs

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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:12:58 / Search time 230.168 Seconds
(without alignments)
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Title: US-10-006-591a-8

Perfect score: 33
Sequence: 1 ttctgcacagatttggtctctctctctctc 33

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 6240305 seqs, 449581930 residues

Total number of hits satisfying chosen parameters: 12480610

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database:

Published Applications NA New:
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12: /cgn2_6/ptodaca/1/pubpna/US60_NEW_PUB.seq:

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	33	100.0	987	7	US-10-997-201A-3
2	33	100.0	1431	11	US-11-139-499-3
3	33	100.0	1431	11	US-11-139-499-11
4	33	100.0	1437	11	US-11-139-499-7
5	29.8	90.3	990	6	US-10-886-383-5
6	29.8	90.3	990	11	US-11-165-141-14
7	29.8	90.3	993	6	US-10-493-909-19
8	29.8	90.3	1000	11	US-11-092-988-53
9	29.8	90.3	1312	11	US-11-128-061-18
10	29.8	90.3	1312	11	US-11-128-061-3660
11	29.8	90.3	1312	11	US-11-128-049-18
12	29.8	90.3	1312	11	US-11-128-049-3660
13	29.8	90.3	1341	6	US-10-981-356A-33
14	29.8	90.3	1341	6	US-10-981-356A-33
15	29.8	90.3	1341	6	US-10-981-356A-33
16	29.8	90.3	1341	6	US-10-981-356A-37
17	29.8	90.3	1341	11	US-11-086-046-31
18	29.8	90.3	1341	11	US-11-086-046-33
19	29.8	90.3	1341	11	US-11-096-046-35
20	29.8	90.3	1341	11	US-11-096-046-37
21	29.8	90.3	1353	11	US-11-049-536-703

22	29.8	90.3	1356	11	US-11-158-505-75	Sequence 75, Appl
23	29.8	90.3	1380	9	US-11-080-587-5	Sequence 5, Appl
24	29.8	90.3	1392	11	US-11-172-320-7	Sequence 7, Appl
25	29.8	90.3	1392	11	US-11-173-969-7	Sequence 7, Appl
26	29.8	90.3	1398	6	US-10-981-356A-32	Sequence 32, Appl
27	29.8	90.3	1398	6	US-10-981-356A-36	Sequence 36, Appl
28	29.8	90.3	1398	6	US-10-981-356A-32	Sequence 32, Appl
29	29.8	90.3	1398	11	US-11-096-046-32	Sequence 32, Appl
30	29.8	90.3	1398	11	US-11-096-046-36	Sequence 36, Appl
31	29.8	90.3	1398	11	US-11-096-046-36	Sequence 36, Appl
32	29.8	90.3	1400	6	US-10-981-356A-34	Sequence 34, Appl
33	29.8	90.3	1400	11	US-11-128-049-3650	Sequence 3650, Ap
34	29.8	90.3	1400	11	US-11-128-049-3650	Sequence 3650, Ap
35	29.8	90.3	1400	11	US-11-128-049-3650	Sequence 3650, Ap
36	29.8	90.3	1404	11	US-11-158-505-6	Sequence 6, Appl
37	29.8	90.3	1404	11	US-11-158-505-14	Sequence 14, Appl
38	29.8	90.3	1404	11	US-11-158-505-22	Sequence 22, Appl
39	29.8	90.3	1404	11	US-11-158-505-30	Sequence 30, Appl
40	29.8	90.3	1404	11	US-11-158-505-71	Sequence 71, Appl
41	29.8	90.3	1407	11	US-11-128-061-8	Sequence 8, Appl
42	29.8	90.3	1407	11	US-11-128-049-8	Sequence 8, Appl
43	29.8	90.3	1720	11	US-11-054-669-108	Sequence 108, App
44	29.8	90.3	1796	6	US-10-016-686-8	Sequence 8, Appl
45	29.8	90.3	2912	11	US-11-000-463-520	Sequence 520, App

ALIGNMENTS

RESULT 1
US-10-997-201A-3/c
; Sequence 3, Application US/10997201A
; Publication No. US20050249739A1
; GENERAL INFORMATION:
; APPLICANT: Marasco, Wayne
; TITLE OF INVENTION: Antibodies Against SARS-COV and Methods of Use Thereof
; FILE REFERENCE: 20363-026
; CURRENT FILING DATE: 2004-11-24
; PRIOR APPLICATION NUMBER: 60/524,840
; PRIOR FILING DATE: 2003-11-25
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 987
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-997-201A-3

Query Match 100.0%; Score 33; DB 7; Length 987;
Best Local Similarity 100.0%; Pred. No. 6.2e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 TTTGTCAAGATTGGGCTCTGCTTCTGTC 33
Db 312 TTTGTCAAGATTGGGCTCTGCTTCTGTC 280

RESULT 2
US-11-139-499-3/c
; Sequence 3, Application US/11139499
; Publication No. US20050260205A1
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, DARRELL R.
; APPLICANT: HANNA, NABIL
; APPLICANT: BRAMS, PETER
; APPLICANT: HEARD, CHERYL
; TITLE OF INVENTION: IDENTIFICATION OF UNIQUE BINDING INTERACTIONS BETWEEN
; TITLE OF INVENTION: CERTAIN ANTIBODIES AND THE HUMAN B7.1 AND B7.2
; FILE REFERENCE: 37003-275681
; CURRENT APPLICATION NUMBER: US/11/139,499

CURRENT FILING DATE: 2005-05-31
PRIOR APPLICATION NUMBER: US/09/576,424
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US97/19906
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 08/746,361
PRIOR FILING DATE: 1996-11-08
PRIOR APPLICATION NUMBER: 08/487,550
PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 1431
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(1428)
US-11-139-499-3

Query Match 100.0%; Score 33; DB 11; Length 1431;
Best Local Similarity 100.0%; Pred. No. 6,7e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33
DB 753 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 721

RESULT 3
US-11-139-499-11/c
Sequence 11, Application US/11139499
Publication No. US20050260205A1
GENERAL INFORMATION:
APPLICANT: ANDERSON, DARRELL R.
APPLICANT: HANNA, NABIL
APPLICANT: BRAMS, PETER
APPLICANT: HEARD, CHERYL
TITLE OF INVENTION: IDENTIFICATION OF UNIQUE BINDING INTERACTIONS BETWEEN
TITLE OF INVENTION: CERTAIN ANTIBODIES AND THE HUMAN B7.1 AND B7.2
FILE REFERENCE: 37003-275681
CURRENT APPLICATION NUMBER: US/11/139,499
CURRENT FILING DATE: 2005-05-31
PRIOR APPLICATION NUMBER: US/09/576,424
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US97/19906
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 08/746,361
PRIOR FILING DATE: 1996-11-08
PRIOR APPLICATION NUMBER: 08/487,550
PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 1431
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(1428)
US-11-139-499-11

Query Match 100.0%; Score 33; DB 11; Length 1431;
Best Local Similarity 100.0%; Pred. No. 6,7e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33
DB 753 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 721

RESULT 4

US-11-139-499-7/c
Sequence 7, Application US/11139499
Publication No. US20050260205A1
GENERAL INFORMATION:
APPLICANT: ANDERSON, DARRELL R.
APPLICANT: HANNA, NABIL
APPLICANT: BRAMS, PETER
APPLICANT: HEARD, CHERYL
TITLE OF INVENTION: IDENTIFICATION OF UNIQUE BINDING INTERACTIONS BETWEEN
TITLE OF INVENTION: CERTAIN ANTIBODIES AND THE HUMAN B7.1 AND B7.2
FILE REFERENCE: 37003-275681
CURRENT APPLICATION NUMBER: US/11/139,499
CURRENT FILING DATE: 2005-05-31
PRIOR APPLICATION NUMBER: US/09/576,424
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US97/19906
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 08/746,361
PRIOR FILING DATE: 1996-11-08
PRIOR APPLICATION NUMBER: 08/487,550
PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 1437
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(1434)
US-11-139-499-7

Query Match 100.0%; Score 33; DB 11; Length 1437;
Best Local Similarity 100.0%; Pred. No. 6,8e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33
DB 759 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 727

RESULT 5
US-10-886-383-5/c
Sequence 5, Application US/10886383
Publication No. US20060005571A1
GENERAL INFORMATION:
APPLICANT: Hoffmann-La Roche Inc.
TITLE OF INVENTION: Antibodies against insulin-like growth factor I receptor and uses
TITLE OF INVENTION: thereof
FILE REFERENCE: 21695
CURRENT APPLICATION NUMBER: US/10/886,383
CURRENT FILING DATE: 2004-07-08
PRIOR APPLICATION NUMBER: EP 03015526
PRIOR FILING DATE: 2003-07-10
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5
LENGTH: 990
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(990)
US-10-886-383-5

Query Match 90.3%; Score 29.8; DB 6; Length 990;
Best Local Similarity 93.9%; Pred. No. 0.0015;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33
DB 315 TTTGTCAAGATTGGGCTCACTTCTTCTGTC 283

RESULT 6

US-11-165-141-14/c
; Sequence 14, Application US/11165141
; Publication No. US20050266485A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Novak, Julia E.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Grant, Francis J.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
; FILE REFERENCE: 00-108
; CURRENT APPLICATION NUMBER: US/11/165,141
; CURRENT FILING DATE: 2005-06-23/995,898
; PRIOR APPLICATION NUMBER: US/09/995,898
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/253,561
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 60/267,211
; PRIOR FILING DATE: 2001-02-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 990
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1) ... (990)
US-11-165-141-14

Query Match 90.3%; Score 29.8; DB 11; Length 990;
Best Local Similarity 93.9%; Pred. No. 0.0015;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 315 TTTGTCAAGATTGGGCTCACTTTCTTGTGTC 283

RESULT 7

US-10-493-909-19/c
; Sequence 19, Application US/10493909
; Publication No. US20060015969A1
; GENERAL INFORMATION:
; APPLICANT: LARRICK, JAMES W.
; APPLICANT: WYCOFF, KEITH L.
; TITLE OF INVENTION: NOVEL IMMUNOADHESINS FOR TREATING AND PREVENTING TOXICITY
; FILE REFERENCE: 41514-20004.01
; CURRENT APPLICATION NUMBER: US/10/493,909
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: PCT/US01/13932
; PRIOR FILING DATE: 2001-04-28
; PRIOR APPLICATION NUMBER: 60/200,298
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 993
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-493-909-19

Query Match 90.3%; Score 29.8; DB 6; Length 993;
Best Local Similarity 93.9%; Pred. No. 0.0015;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 315 TTTGTCAAGATTGGGCTCACTTTCTTGTGTC 283

RESULT 8

US-11-092-988-53/c
; Sequence 53, Application US/11092988
; Publication No. US20050260710A1
; GENERAL INFORMATION:
; APPLICANT: Sekisui Chemical Co., Ltd
; APPLICANT: Suzuki, Kazuo
; TITLE OF INVENTION: Methods for producing recombinant polyclonal immunoglobulins
; FILE REFERENCE: SUZUKI35
; CURRENT APPLICATION NUMBER: US/11/092,988
; CURRENT FILING DATE: 2005-03-30
; PRIOR APPLICATION NUMBER: JP 2004/104939
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 1000
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-092-988-53

Query Match 90.3%; Score 29.8; DB 11; Length 1000;
Best Local Similarity 93.9%; Pred. No. 0.0015;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 322 TTTGTCAAGATTGGGCTCACTTTCTTGTGTC 290

RESULT 9

US-11-128-061-18/c
; Sequence 18, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 18
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-128-061-18

Query Match 90.3%; Score 29.8; DB 11; Length 1312;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 666 TTTGTCAAGATTGGGCTCACTTTCTTGTGTC 634

RESULT 10

US-11-128-061-3660/c
; Sequence 3660, Application US/11128061
; Publication No. US20060003958A1

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; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3660
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-11-128-061-3660

Query Match          90.3%; Score 29.8; DB 11; Length 1312;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TTGTGACAAAGATTGGGCTGCTGCTTTCTTGTC 33
Db 666 TTGTGACAAAGATTGGGCTCAACTTCTTGTC 634

RESULT 11
US-11-128-049-18/c
; Sequence 18, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 18
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-11-128-049-18

Query Match          90.3%; Score 29.8; DB 11; Length 1312;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TTGTGACAAAGATTGGGCTGCTGCTTTCTTGTC 33
Db 666 TTGTGACAAAGATTGGGCTCAACTTCTTGTC 634

RESULT 12
US-11-128-049-3660/c
; Sequence 3660, Application US/11128049
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; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3660
; LENGTH: 1312
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-11-128-049-3660

Query Match          90.3%; Score 29.8; DB 11; Length 1312;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TTGTGACAAAGATTGGGCTGCTGCTTTCTTGTC 33
Db 666 TTGTGACAAAGATTGGGCTCAACTTCTTGTC 634

RESULT 13
US-10-981-356A-31/c
; Sequence 31, Application US/10981356A
; Publication No. US20060015952A1
; GENERAL INFORMATION:
; APPLICANT: FILVAROFF, ELLEN H.
; TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT
; FILE REFERENCE: P20681
; CURRENT APPLICATION NUMBER: US/10/981,356A
; CURRENT FILING DATE: 2004-11-04
; PRIOR APPLICATION NUMBER: US 60/520,398
; PRIOR FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US 60/557,951
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 45
; SEQ ID NO 31
; LENGTH: 1341
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence is synthesized
; US-10-981-356A-31

Query Match          90.3%; Score 29.8; DB 6; Length 1341;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TTGTGACAAAGATTGGGCTGCTGCTTTCTTGTC 33
Db 666 TTGTGACAAAGATTGGGCTCAACTTCTTGTC 634

RESULT 14
US-10-981-356A-33/c
; Sequence 33, Application US/10981356A
; Publication No. US20060015952A1
; GENERAL INFORMATION:
; APPLICANT: FILVAROFF, ELLEN H.
; TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT
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; FILE REFERENCE: P2068R1
; CURRENT APPLICATION NUMBER: US/10/981,356A
; CURRENT FILING DATE: 2004-11-04
; PRIOR APPLICATION NUMBER: US 60/520,398
; PRIOR FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US 60/557,951
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 45
; SEQ ID NO 33
; LENGTH: 1341
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence is synthesized
US-10-981-356A-33

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Query Match          90.3%; Score 29.8; DB 6; Length 1341;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      1 TTTGTCAACAGATTGGGCTCTGCTTTCTTGTGTC 33
          |||||
Db      666 TTTGTCAACAGATTGGGCTCACTTCTTGTGTC 634

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RESULT 15
US-10-981-356A-35/c
; Sequence 35, Application US/10981356A
; Publication No. US20060015952A1
; GENERAL INFORMATION:
; APPLICANT: FIVAROPF, EILEEN H.
; TITLE OF INVENTION: SCREENING ASSAYS AND METHODS OF TUMOR TREATMENT
; FILE REFERENCE: P2068R1
; CURRENT APPLICATION NUMBER: US/10/981,356A
; CURRENT FILING DATE: 2004-11-04
; PRIOR APPLICATION NUMBER: US 60/520,398
; PRIOR FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: US 60/557,951
; PRIOR FILING DATE: 2004-03-31
; NUMBER OF SEQ ID NOS: 45
; SEQ ID NO 35
; LENGTH: 1341
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence is synthesized
US-10-981-356A-35

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Query Match          90.3%; Score 29.8; DB 6; Length 1341;
Best Local Similarity 93.9%; Pred. No. 0.0016;
Matches 31; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      1 TTTGTCAACAGATTGGGCTCTGCTTTCTTGTGTC 33
          |||||
Db      666 TTTGTCAACAGATTGGGCTCACTTCTTGTGTC 634

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 Job time : 230.168 secs

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OM nucleic acid search, using sw model

Run on: February 12, 2006, 18:05:05 / Search time 398.218 Seconds
(without alignments)
685.276 Million cell updates/sec

Title: US-10-006-591a-8

Perfect score: 33
Sequence: 1 ttctgcacagatttggtgctctctctctgc 33

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database:

Published Applications NA_Main:*
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2: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
3: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
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10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	33	100.0	33	US-10-006-591-8	Sequence 8, Appl1
2	33	100.0	59	US-10-006-591-9	Sequence 9, Appl1
3	33	100.0	59	US-10-006-591-10	Sequence 10, Appl1
4	33	100.0	681	US-10-350-555-42	Sequence 42, Appl1
5	33	100.0	681	US-10-350-555-43	Sequence 43, Appl1
6	33	100.0	681	US-10-350-555-44	Sequence 44, Appl1
7	33	100.0	681	US-10-350-555-45	Sequence 45, Appl1
8	33	100.0	681	US-10-350-555-46	Sequence 46, Appl1
9	33	100.0	681	US-10-350-555-47	Sequence 47, Appl1
10	33	100.0	681	US-10-625-047-42	Sequence 42, Appl1
11	33	100.0	681	US-10-625-047-43	Sequence 43, Appl1
12	33	100.0	681	US-10-625-047-44	Sequence 44, Appl1
13	33	100.0	681	US-10-625-047-45	Sequence 45, Appl1
14	33	100.0	681	US-10-625-047-46	Sequence 46, Appl1
15	33	100.0	681	US-10-625-047-47	Sequence 47, Appl1
16	33	100.0	681	US-10-631-258-42	Sequence 42, Appl1
17	33	100.0	681	US-10-631-258-43	Sequence 43, Appl1
18	33	100.0	681	US-10-631-258-44	Sequence 44, Appl1
19	33	100.0	681	US-10-631-258-45	Sequence 45, Appl1
20	33	100.0	681	US-10-631-258-46	Sequence 46, Appl1
21	33	100.0	681	US-10-631-258-47	Sequence 47, Appl1
22	33	100.0	699	US-10-229-567-8	Sequence 8, Appl1
23	33	100.0	1407	US-10-981-738-11	Sequence 11, Appl1

c 24	33	100.0	1428	3	US-09-740-002-17	Sequence 17, Appl1
c 25	33	100.0	1428	3	US-09-740-002-19	Sequence 19, Appl1
c 26	33	100.0	1428	3	US-09-335-6978-17	Sequence 17, Appl1
c 27	33	100.0	1428	3	US-09-335-6978-19	Sequence 19, Appl1
c 28	33	100.0	1428	6	US-10-384-356-17	Sequence 17, Appl1
c 29	33	100.0	1428	6	US-10-384-356-19	Sequence 19, Appl1
c 30	33	100.0	1428	7	US-10-325-698-17	Sequence 17, Appl1
c 31	33	100.0	1428	7	US-10-325-698-19	Sequence 19, Appl1
c 32	33	100.0	1431	3	US-09-758-173-3	Sequence 3, Appl1
c 33	33	100.0	1431	3	US-09-758-173-11	Sequence 11, Appl1
c 34	33	100.0	1431	3	US-09-948-4298-3	Sequence 3, Appl1
c 35	33	100.0	1431	3	US-09-948-4298-11	Sequence 11, Appl1
c 36	33	100.0	1431	5	US-10-124-905-3	Sequence 3, Appl1
c 37	33	100.0	1431	5	US-10-124-905-11	Sequence 11, Appl1
c 38	33	100.0	1431	5	US-10-073-138-2	Sequence 2, Appl1
c 39	33	100.0	1431	5	US-10-073-138-6	Sequence 6, Appl1
c 40	33	100.0	1431	6	US-10-124-807-3	Sequence 3, Appl1
c 41	33	100.0	1431	6	US-10-124-807-11	Sequence 11, Appl1
c 42	33	100.0	1431	6	US-10-291-532-3	Sequence 3, Appl1
c 43	33	100.0	1431	6	US-10-291-532-11	Sequence 11, Appl1
c 44	33	100.0	1431	9	US-10-986-780-3	Sequence 3, Appl1
c 45	33	100.0	1431	9	US-10-986-780-11	Sequence 11, Appl1

ALIGNMENTS

```
RESULT 1
US-10-006-591-8
: Sequence 8, Application US/10006591
: Publication No. US20030049731A1
: GENERAL INFORMATION:
: APPLICANT: Bowditch, Katherine S.
: APPLICANT: Frederickson, Shana
: APPLICANT: Lin, Ying-Chi
: APPLICANT: Renshaw, Mark
: APPLICANT: Wild, Martha
: APPLICANT: McWhitter, John
: TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
: FILE REFERENCE: 1087-3
: CURRENT APPLICATION NUMBER: US/10/006,591
: CURRENT FILING DATE: 2001-12-05
: PRIOR APPLICATION NUMBER: 60/251,440
: PRIOR FILING DATE: 2000-12-05
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: PatentIn version 3.1
: SEQ ID NO 8
: LENGTH: 33
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description for Artificial Sequence: primer
US-10-006-591-8

Query Match      100.0%; Score 33; DB 5; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.00063;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1  TTGTGCACAGATTGGGCTGCTTCTGTGC 33
Db      1  TTGTGCACAGATTGGGCTGCTTCTGTGC 33

RESULT 2
US-10-006-591-9/c
: Sequence 9, Application US/10006591
: Publication No. US20030049731A1
: GENERAL INFORMATION:
: APPLICANT: Bowditch, Katherine S.
: APPLICANT: Frederickson, Shana
: APPLICANT: Lin, Ying-Chi
: APPLICANT: Renshaw, Mark
: APPLICANT: Wild, Martha
```

```
APPLICANT: McWhirter, John
TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
FILE REFERENCE: 1087-3
CURRENT APPLICATION NUMBER: US/10/006,591
CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 59
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: duplexing oligo
NAME/KEY: misc.feature
LOCATION: (11)..(11)
OTHER INFORMATION: n is g or t
US-10-006-591-9
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Query Match          100.0%; Score 33; DB 5; Length 59;
Best Local Similarity 100.0%; Pred. No. 0.00069;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33
DB 58 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 26
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RESULT 3

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US-10-006-591-10
Sequence 10, Application US/10006591
Publication No. US20030049731A1
GENERAL INFORMATION:
APPLICANT: Bowdish, Katherine S.
APPLICANT: Frederickson, Shana
APPLICANT: Lin, Ying-Chi
APPLICANT: Remshaw, Mark
APPLICANT: Wild, Martha
APPLICANT: McWhirter, John
TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
FILE REFERENCE: 1087-3
CURRENT APPLICATION NUMBER: US/10/006,591
CURRENT FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: 60/251,440
PRIOR FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 59
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: duplexing oligo
NAME/KEY: misc.feature
LOCATION: (53)..(53)
OTHER INFORMATION: n is a or c
US-10-006-591-10
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Query Match          100.0%; Score 33; DB 5; Length 59;
Best Local Similarity 100.0%; Pred. No. 0.00069;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33
DB 6 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 38
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RESULT 4
US-10-350-555-42/c
Sequence 42, Application US/10350555
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```
Publication No. US20040146934A1
GENERAL INFORMATION:
APPLICANT: Meares, Claude
APPLICANT: Cornelli, Todd
TITLE OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 023070-130900US
CURRENT APPLICATION NUMBER: US/10/350,555
CURRENT FILING DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 42
LENGTH: 681
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: native cloned
OTHER INFORMATION: chimeric murine 2D12.5 heavy chain variable region
OTHER INFORMATION: (VH) fused to human anti-tetanus toxin antibody
OTHER INFORMATION: CH1 heavy chain constant region (TTCR)
US-10-350-555-42
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Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00059;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33
DB 675 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 643
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RESULT 5

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US-10-350-555-43/c
Sequence 43, Application US/10350555
Publication No. US20040146934A1
GENERAL INFORMATION:
APPLICANT: Meares, Claude
APPLICANT: Cornelli, Todd
TITLE OF INVENTION: Multi-Functional Antibodies
FILE REFERENCE: 023070-130900US
CURRENT APPLICATION NUMBER: US/10/350,555
CURRENT FILING DATE: 2003-01-23
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 43
LENGTH: 681
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: N87D cloned
OTHER INFORMATION: mutant chimeric murine 2D12.5 heavy chain variable
OTHER INFORMATION: region (VH) fused to human anti-tetanus toxin
OTHER INFORMATION: antibody CH1 heavy chain constant region (TTCR)
US-10-350-555-43
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Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00059;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 33
DB 675 TTTGTCAAGATTGGGCTGCTTCTTCTGTC 643
```

```
RESULT 6
US-10-350-555-44/c
Sequence 44, Application US/10350555
Publication No. US20040146934A1
GENERAL INFORMATION:
APPLICANT: Meares, Claude
APPLICANT: Cornelli, Todd
APPLICANT: The Regents of the University of California
```

```

; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 44
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:N87D G55C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-350-555-44

Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

RESULT 7
US-10-350-555-45/c
; Sequence 45, Application US/10350555
; Publication No. US20040146934A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 45
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:N87D G54C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-350-555-45

Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

RESULT 8
US-10-350-555-46/c
; Sequence 46, Application US/10350555
; Publication No. US20040146934A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: The Regents of the University of California
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
```

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; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 46
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:N87D G55C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-350-555-46

Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

RESULT 9
US-10-350-555-47/c
; Sequence 47, Application US/10350555
; Publication No. US20040146934A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130900US
; CURRENT APPLICATION NUMBER: US/10/350,555
; CURRENT FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 47
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chimeric murine
; OTHER INFORMATION: 2D12.5 heavy chain variable region (VH) fused to
; OTHER INFORMATION: human anti-tetanus toxin antibody CH1 heavy chain
; OTHER INFORMATION: constant region (TTCH) expected sequence
US-10-350-555-47

Query Match          100.0%; Score 33; DB 7; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

RESULT 10
US-10-625-047-42/c
; Sequence 42, Application US/10625047
; Publication No. US2004019862A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: The Regents of the University of California
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: native cloned
; OTHER INFORMATION: chimeric murine 2D12.5 heavy chain variable region
; OTHER INFORMATION: (VH) fused to human anti-tetanus toxin antibody
; OTHER INFORMATION: CH1 heavy chain constant region (TTCH)
US-10-625-047-42
```

```
Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643
```

```
RESULT 11
US-10-625-047-43/c
; Sequence 43, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 43
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N87D cloned
; OTHER INFORMATION: mutant chimeric murine 2D12.5 heavy chain variable
; OTHER INFORMATION: region (VH) fused to human anti-tetanus toxin
; OTHER INFORMATION: antibody CH1 heavy chain constant region (TTCH)
US-10-625-047-43
```

```
Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643
```

```
RESULT 12
US-10-625-047-44/c
; Sequence 44, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
```

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; SEQ ID NO 44
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N87D G53C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-625-047-44
```

```
Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643
```

```
RESULT 13
US-10-625-047-45/c
; Sequence 45, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N87D G54C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-625-047-45
```

```
Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
Db 675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643
```

```
RESULT 14
US-10-625-047-46/c
; Sequence 46, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: N87D G55C
; OTHER INFORMATION: cloned mutant chimeric murine 2D12.5 heavy chain
; OTHER INFORMATION: variable region (VH) fused to human anti-tetanus
; OTHER INFORMATION: toxin antibody CH1 heavy chain constant region
; OTHER INFORMATION: (TTCH)
US-10-625-047-46

```

```

Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
          |||||
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

```

```

RESULT 15
US-10-625-047-47/c
; Sequence 47, Application US/10625047
; Publication No. US20040198962A1
; GENERAL INFORMATION:
; APPLICANT: Meares, Claude
; APPLICANT: Cornelli, Todd
; TITLE OF INVENTION: Multi-Functional Antibodies
; FILE REFERENCE: 023070-130910US
; CURRENT APPLICATION NUMBER: US/10/625,047
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: US 10/350,555
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chimeric murine
; OTHER INFORMATION: 2D12.5 heavy chain variable region (VH) fused to
; OTHER INFORMATION: human anti-tetanus toxin antibody CH1 heavy chain
; OTHER INFORMATION: constant region (TTCH) expected sequence
US-10-625-047-47

```

```

Query Match          100.0%; Score 33; DB 8; Length 681;
Best Local Similarity 100.0%; Pred. No. 0.00099;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 33
          |||||
Db      675 TTTGTCAAGATTGGGCTCTGCTTTCTTGTGTC 643

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Search completed: February 12, 2006, 18:36:52
Job time : 399.219 secs

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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 17:49:17 ; Search time 68.7731 Seconds
(without alignments)
852.943 Million cell updates/sec

Title: US-10-006-591a-8

Perfect score: 33
Sequence: 1 ttctcacagattggcctctctctctc 33

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

1: Issued Patents NA.*
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3: /cgn2_6/ptodata/1/ina/5_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/H_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	33	100.0	687	2	US-08-300-386A-1
C 2	33	100.0	687	3	US-08-931-645-1
C 3	33	100.0	687	6	PCT-US94-01258-1
C 4	33	100.0	687	6	PCT-US95-11235-1
C 5	33	100.0	699	2	US-08-480-753-1
C 6	33	100.0	699	3	US-09-041-889-8
C 7	33	100.0	699	3	US-08-837-058-8
C 8	33	100.0	699	3	US-09-417-264-8
C 9	33	100.0	732	2	US-08-480-753-3
C 10	33	100.0	1418	3	US-08-793-450-7
C 11	33	100.0	1428	2	US-08-488-376-19
C 12	33	100.0	1428	2	US-08-488-376-19
C 13	33	100.0	1428	2	US-08-634-223-17
C 14	33	100.0	1428	2	US-08-634-223-19
C 15	33	100.0	1428	2	US-08-634-224-17
C 16	33	100.0	1428	2	US-08-634-224-19
C 17	33	100.0	1428	2	US-08-634-400-17
C 18	33	100.0	1428	2	US-08-634-400-19
C 19	33	100.0	1428	2	US-08-635-878-17
C 20	33	100.0	1428	2	US-08-635-878-19
C 21	33	100.0	1428	2	US-08-770-057-17
C 22	33	100.0	1428	2	US-08-770-057-19
C 23	33	100.0	1428	3	US-09-335-697B-17
C 24	33	100.0	1428	3	US-09-335-697B-19

C 25	33	100.0	1428	3	US-09-335-697B-17	Sequence 17, Appl
C 26	33	100.0	1428	3	US-09-335-697B-19	Sequence 19, Appl
C 27	33	100.0	1428	3	US-09-740-002-17	Sequence 17, Appl
C 28	33	100.0	1428	3	US-09-740-002-19	Sequence 19, Appl
C 29	33	100.0	1431	3	US-08-487-550-3	Sequence 3, Appl1
C 30	33	100.0	1431	3	US-08-487-550-11	Sequence 11, Appl
C 31	33	100.0	1431	3	US-09-526-098-3	Sequence 3, Appl1
C 32	33	100.0	1431	3	US-09-526-098-11	Sequence 11, Appl
C 33	33	100.0	1431	3	US-09-383-916-3	Sequence 3, Appl1
C 34	33	100.0	1431	3	US-09-383-916-11	Sequence 11, Appl
C 35	33	100.0	1431	3	US-09-758-173-3	Sequence 3, Appl1
C 36	33	100.0	1431	3	US-09-758-173-11	Sequence 11, Appl
C 37	33	100.0	1431	3	US-09-576-424-3	Sequence 3, Appl1
C 38	33	100.0	1431	3	US-09-576-424-11	Sequence 11, Appl
C 39	33	100.0	1437	3	US-08-487-550-7	Sequence 7, Appl1
C 40	33	100.0	1437	3	US-09-526-098-7	Sequence 7, Appl1
C 41	33	100.0	1437	3	US-09-383-916-7	Sequence 7, Appl1
C 42	33	100.0	1437	3	US-09-758-173-7	Sequence 7, Appl1
C 43	33	100.0	1437	3	US-09-576-424-7	Sequence 7, Appl1
C 44	33	100.0	4691	3	US-08-591-632-43	Sequence 43, Appl
C 45	33	100.0	4691	3	US-09-611-451-43	Sequence 43, Appl

ALIGNMENTS

RESULT 1
US-08-300-386A-1/c
Sequence 1, Application US/08300386A
Patent No. 5667988
GENERAL INFORMATION:
APPLICANT: Barbas, Carlos F, III
APPLICANT: Burton, Dennis R
APPLICANT: Lerner, Richard A
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESS: The Scripps Research Institute
STREET: 10666 No. 5667988th Torrey Pines Road, TPC8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/300,386A
FILING DATE: 02-SEP-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/174,674
FILING DATE: 28-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/826,623
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/012,566
FILING DATE: 02-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSRI 409.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 687 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-300-386A-1

Query Match 100.0%; Score 33; DB 2; Length 687;
Best Local Similarity 100.0%; Pred. No. 3.9e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33
681 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 649

RESULT 2

US-08-931-645-1/c
Sequence 1, Application US/08931645

PATENT No. 6096551
GENERAL INFORMATION:
APPLICANT: Barbas, Carlos F, III
APPLICANT: Burton, Dennis R
APPLICANT: Lerner, Richard A
TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute
STREET: 10666 No. 6096551th Torrey Pines Road, TPC8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/931,645
FILING DATE:

CLASSIFICATION:

Prior Application Data:

APPLICATION NUMBER: US/08/300,386
FILING DATE: 02-SEP-1994
APPLICATION NUMBER: US 08/174,674
FILING DATE: 28-DEC-1993
Prior Application Data:
APPLICATION NUMBER: US 07/826,623
FILING DATE: 27-JAN-1992
Prior Application Data:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
Prior Application Data:

APPLICATION NUMBER: US 08/012,566
FILING DATE: 02-FEB-1993

ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSI 409.1

TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 687 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-931-645-1

Query Match 100.0%; Score 33; DB 3; Length 687;
Best Local Similarity 100.0%; Pred. No. 3.9e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33
681 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 649

RESULT 3

PCT-US94-01258-1/c
Sequence 1, Application PC/TUS9401258

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS
NUMBER OF SEQUENCES: 61
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT-US94/01258

FILING DATE: 02-FEB-1994

Prior Application Data:

APPLICATION NUMBER: US 08/012,566

FILING DATE: 02-FEB-1993

Prior Application Data:

APPLICATION NUMBER: US 08/174,674

FILING DATE: 28-DEC-1993

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 687 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

PCT-US94-01258-1

Query Match 100.0%; Score 33; DB 6; Length 687;
Best Local Similarity 100.0%; Pred. No. 3.9e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33
681 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 649

RESULT 4

PCT-US95-11235-1/c
Sequence 1, Application PC/TUS9511235

GENERAL INFORMATION:

APPLICANT: THE SCRIPPS RESEARCH INSTITUTE

TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES

TITLE OF INVENTION: USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS

NUMBER OF SEQUENCES: 70

CORRESPONDENCE ADDRESS:

ADDRESSEE: The Scripps Research Institute

STREET: 10666 North Torrey Pines Road, TPC8

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/11235
FILING DATE: 01-SEP-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,386
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/174,674
FILING DATE: 28-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/826,623
FILING DATE: 27-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/954,148
FILING DATE: 30-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/012,566
FILING DATE: 02-FEB-1993
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSRI 409.1 (PC)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 687 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US95-11235-1

Query Match 100.0%; Score 33; DB 6; Length 687;
Best Local Similarity 100.0%; Pred. No. 3.9e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGTGACAGATTGGGCTCTGCTTTTGTTC 33
Db 681 TTGTGACAGATTGGGCTCTGCTTTTGTTC 649

RESULT 5
US-08-480-753-1/C
Sequence 1, Application US/08480753
Patent No. 5830675
GENERAL INFORMATION:
APPLICANT: Targan M.D., Stephan R.
APPLICANT: Vidulich Ph.D., Alga M.
TITLE OF INVENTION: METHODS FOR SELECTIVELY DETECTING
TITLE OF INVENTION: PERINUCLEAR ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY OF
TITLE OF INVENTION: ULCERATIVE COLITIS, PRIMARY SCLEROSING CHOLANGITIS, OR
TITLE OF INVENTION: TYPE I AUTOIMMUNE HEPATITIS
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wendy A. Whiteford, Esq.
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,753
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Whiteford, Wendy A.
REGISTRATION NUMBER: 36,964
REFERENCE/DOCKET NUMBER: P07 33571
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 622-7700
TELEFAX: (213) 489-4210
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 699 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE TYPE: Gut-associated lymphoid
CELL TYPE: Lymphocyte
IMMEDIATE SOURCE:
CLONE: 5-3
FEATURE:
NAME/KEY: CDS
LOCATION: 1..699
OTHER INFORMATION: /codon start= 1
OTHER INFORMATION: /product= "Human Heavy Chain of IgG ANCA"
OTHER INFORMATION: associated with UC"
FEATURE:
NAME/KEY: misc RNA
LOCATION: 1..15
OTHER INFORMATION: /product= "N-Terminal Tag"
FEATURE:
NAME/KEY: misc RNA
LOCATION: 16..96
OTHER INFORMATION: /label= FR1
OTHER INFORMATION: /note= "FR1" refers to Framework Region 1"
FEATURE:
NAME/KEY: misc RNA
LOCATION: 97..111
OTHER INFORMATION: /label= CDR1
OTHER INFORMATION: /note= "CDR1" refers to Complementarity
OTHER INFORMATION: Determining Region 1"
FEATURE:
NAME/KEY: misc RNA
LOCATION: 112..153
OTHER INFORMATION: /label= FR2
OTHER INFORMATION: /note= "FR2" refers to Framework Region 2"
FEATURE:
NAME/KEY: misc RNA
LOCATION: 154..204
OTHER INFORMATION: /label= CDR2
OTHER INFORMATION: /note= "CDR2" refers to Complementarity
OTHER INFORMATION: Determining Region 2"
FEATURE:
NAME/KEY: misc RNA
LOCATION: 205..300
OTHER INFORMATION: /label= FR3
OTHER INFORMATION: /note= "FR3" refers to Framework Region 3"
FEATURE:
NAME/KEY: misc RNA
LOCATION: 301..327
OTHER INFORMATION: /label= CDR3
OTHER INFORMATION: /note= "CDR3" refers to Complementarity
OTHER INFORMATION: Determining Region 3"
FEATURE:
NAME/KEY: misc RNA
LOCATION: 328..360

OTHER INFORMATION: /label= FR4
OTHER INFORMATION: /note= "PR4" refers to Framework Region 4"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 361..651
OTHER INFORMATION: /label= CH1
OTHER INFORMATION: /note= "CH1" refers to Constant Segment 1 of the
OTHER INFORMATION: Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 652..678
OTHER INFORMATION: /label= Hinge
OTHER INFORMATION: /note= "Hinge" refers to Partial Hinge Segment of
OTHER INFORMATION: the Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 679..699
OTHER INFORMATION: /label= Hex-RTAG
OTHER INFORMATION: /note= "Hex-RTAG" refers to Hexahistidine Tag"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 16..651
OTHER INFORMATION: /label= Fd
OTHER INFORMATION: /note= "Fd" refers to the Fd of the Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 16..300
OTHER INFORMATION: /label= VHSEMENT
OTHER INFORMATION: /note= "VHSEMENT" refers to Variable Segment of
OTHER INFORMATION: the Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 301..315
OTHER INFORMATION: /label= D
OTHER INFORMATION: /note= "D" refers to Diversity Segment"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 316..360
OTHER INFORMATION: /label= JH
OTHER INFORMATION: /note= "JH" refers to Joining Segment of the
OTHER INFORMATION: Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 16..360
OTHER INFORMATION: /label= VHDOMAIN
OTHER INFORMATION: /note= "VHDOMAIN" refers to Variable Domain of
OTHER INFORMATION: the Heavy Chain"
US-08-480-753-1
Query Match 100.0%; Score 33; DB 2; Length 699;
Best Local Similarity 100.0%; Pred. No. 4e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTTGTCAAGATTGGGCTGCTTTCTTGTG 33
Db 675 TTTGTCAAGATTGGGCTGCTTTCTTGTG 643
RESULT 6
US-09-041-889-8/c
Sequence 8, Application US/09041889
Patent No. 6033864
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Cohavy, Ofer
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC PANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego

STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/041,889
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/837,058
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 699 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 1..699
NAME/KEY: misc feature
LOCATION: 1..699
OTHER INFORMATION: /note= "product = NANUC-2 heavy
OTHER INFORMATION: chain"
US-09-041-889-8
Query Match 100.0%; Score 33; DB 3; Length 699;
Best Local Similarity 100.0%; Pred. No. 4e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTTGTCAAGATTGGGCTGCTTTCTTGTG 33
Db 675 TTTGTCAAGATTGGGCTGCTTTCTTGTG 643
RESULT 7
US-08-837-058-8/c
Sequence 8, Application US/08837058
Patent No. 6074835
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
APPLICANT: Targan, Stephan R.
APPLICANT: Eggena, Mark
TITLE OF INVENTION: Diagnosis, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Histone H1
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,058

FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 2438
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9901
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 699 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 1..699
NAME/KEY: misc feature
LOCATION: 1..699
OTHER INFORMATION: /note= "product = NANUC-2 heavy
OTHER INFORMATION: chain"
US-08-837-058-8

Query Match 100.0%; Score 33; DB 3; Length 699;
Best Local Similarity 100.0%; Pred. NO. 4e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 TTGTGCAAGATTGGGCTGCTTCTTCTGTC 33
Db 675 TTGTGCAAGATTGGGCTGCTTCTTCTGTC 643

RESULT 8
US-09-417-264-8/c
Sequence 8, Application US/09417264
Patent No. 6537768
GENERAL INFORMATION:
APPLICANT: Braun, Jonathan
TITLE OF INVENTION: Diagnostic, Prevention and Treatment of
TITLE OF INVENTION: Ulcerative Colitis, and Clinical Subtypes Thereof, Using
TITLE OF INVENTION: Microbial UC PANCA antigens
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,264
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/041,889
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 3006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:

LENGTH: 699 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 1..699
NAME/KEY: misc feature
LOCATION: 1..699
OTHER INFORMATION: /note= "product = NANUC-2 heavy
OTHER INFORMATION: chain"
US-09-417-264-8

Query Match 100.0%; Score 33; DB 3; Length 699;
Best Local Similarity 100.0%; Pred. NO. 4e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 1 TTGTGCAAGATTGGGCTGCTTCTTCTGTC 33
Db 675 TTGTGCAAGATTGGGCTGCTTCTTCTGTC 643

RESULT 9
US-08-480-753-3/c
Sequence 3, Application US/08480753
Patent No. 5830675
GENERAL INFORMATION:
APPLICANT: Targan M.D., Stephan R.
TITLE OF INVENTION: METHODS FOR SELECTIVELY DETECTING
TITLE OF INVENTION: PERINUCLEAR ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODY OF
TITLE OF INVENTION: ULCERATIVE COLITIS, PRIMARY SCLEROSING CHOLANGITIS, OR
TITLE OF INVENTION: TYPE I AUTOIMMUNE HEPATITIS
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wendy A. Whiteford, Esq.
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,753
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Whiteford, Wendy A.
REGISTRATION NUMBER: 36,964
REFERENCE/DOCKET NUMBER: P07 33571
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 622-7700
TELEFAX: (213) 489-4210
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 732 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE TYPE: Gut-associated lymphoid
CELL TYPE: Lymphocyte
IMMEDIATE SOURCE:

CLONE: 5-4
FEATURE:
NAME/KEY: CDS
LOCATION: 1..732 /codon_start=1
OTHER INFORMATION: /product= "Human Heavy Chain of IgG ANCA
OTHER INFORMATION: associated with UC"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 1..15 /product= "N-Terminal Tag"
OTHER INFORMATION:
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 16..33 /label= FR1
OTHER INFORMATION: /note= "FR1" refers to Framework Region 1"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 94..108 /label= CDR1
OTHER INFORMATION: /note= "CDR1" refers to Complementarity
OTHER INFORMATION: Determining Region 1"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 109..150 /label= FR2
OTHER INFORMATION: /note= "FR2" refers to Framework Region 2"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 151..201 /label= CDR2
OTHER INFORMATION: /note= "CDR2" refers to Complementarity
OTHER INFORMATION: Determining Region 2"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 202..297 /label= FR3
OTHER INFORMATION: /note= "FR3" refers to Framework Region 3"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 298..360 /label= CDR3
OTHER INFORMATION: /note= "CDR3" refers to Complementarity
OTHER INFORMATION: Determining Region 3"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 361..393 /label= FR4
OTHER INFORMATION: /note= "FR4" refers to Framework Region 4"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 394..684 /label= CH1
OTHER INFORMATION: /note= "CH1" refers to Constant Segment of the
OTHER INFORMATION: Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 685..711 /label= Hinge
OTHER INFORMATION: /note= "Hinge" refers to Partial Hinge Segment of
OTHER INFORMATION: the Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 712..732 /label= Hex-HTag
OTHER INFORMATION: /note= "Hex-HTag" refers to Hexahistidine Tag"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 16..684 /label= Fd
OTHER INFORMATION: /note= "Fd" refers to the Fd of the Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA

LOCATION: 16..297 /label= VHSEGMENT
OTHER INFORMATION: /note= "VHSEGMENT" refers to Variable Segment of
OTHER INFORMATION: the Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 298..363 /label= D
OTHER INFORMATION: /note= "D" refers to Diversity Segment"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 364..408 /label= JH
OTHER INFORMATION: /note= "JH" refers to Joining Segment of the
OTHER INFORMATION: Heavy Chain"
FEATURE:
NAME/KEY: misc_RNA
LOCATION: 16..408 /label= VHDOMAIN
OTHER INFORMATION: /note= "VHDOMAIN" refers to Variable Domain of
OTHER INFORMATION: the Heavy Chain"
US-08-480-753-3
Query Match 100.0%; Score 33; DB 2; Length 732;
Best Local Similarity 100.0%; Pred. No. 4e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTTGTCAAGATTGGCTCTGCTTCTGTGTC 33
Db 708 TTTGTCAAGATTGGCTCTGCTTCTGTGTC 676
RESULT 10
US-08-793-450-7/c
Sequence 7, Application US/08793450
Patent No. 6312690
GENERAL INFORMATION:
APPLICANT: EDELMAN, LENA
APPLICANT: MARGARITTE, CRISTEL
APPLICANT: KACZOREK, MICHEL
APPLICANT: CHABBIH, HASSAN
TITLE OF INVENTION: MONOCLONAL RECOMBINANT ANTI-RHESUS D
TITLE OF INVENTION: 25
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
ADDRESS: P. C.
STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
CITY: ARLINGTON
STATE: VA
COUNTRY: USA
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/793,450
FILING DATE: 03-MAR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 94/10566
FILING DATE: 02-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 660-118-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-413-3000
TELEFAX: 703-413-2220
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:

LENGTH: 1418 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1418
FEATURE:
NAME/KEY: 819_peptide
LOCATION: 1..57
FEATURE:
NAME/KEY: mat peptide
LOCATION: 58..1418
OTHER INFORMATION: /product= "IMMUNOGLOBIN, HEAVY"
US-08-793-450-7

Query Match 100.0%; Score 33; DB 3; Length 1418;
Best Local Similarity 100.0%; Pred. No. 4.8e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGTGCAAGATTGGGCTCTGCTTTCTTGTC 33
Db 741 TTGTGCAAGATTGGGCTCTGCTTTCTTGTC 709

RESULT 11
US-08-488-376-17/c
Sequence 17, Application US/08488376
Patent No. 5811524
GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: CHAMAT, Soulaïma Salim
APPLICANT: PAN, Li-Zhen
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV P-PROTEIN AND
NUMBER OF SEQUENCES: 19
METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THERBOF
CORRESPONDENCE ADDRESS:
ADDRESSER: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,376
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Teeklin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-150
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:

NAME/KEY: CDS
LOCATION: 1..1428
US-08-488-376-17

Query Match 100.0%; Score 33; DB 2; Length 1428;
Best Local Similarity 100.0%; Pred. No. 4.8e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGTGCAAGATTGGGCTCTGCTTTCTTGTC 33
Db 750 TTGTGCAAGATTGGGCTCTGCTTTCTTGTC 718

RESULT 12
US-08-488-376-19/c
Sequence 19, Application US/08488376
Patent No. 5811524
GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: CHAMAT, Soulaïma Salim
APPLICANT: PAN, Li-Zhen
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV P-PROTEIN AND
NUMBER OF SEQUENCES: 19
METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THERBOF
CORRESPONDENCE ADDRESS:
ADDRESSER: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,376
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Teeklin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-150
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1428
US-08-488-376-19

Query Match 100.0%; Score 33; DB 2; Length 1428;
Best Local Similarity 100.0%; Pred. No. 4.8e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGTGCAAGATTGGGCTCTGCTTTCTTGTC 33
Db 750 TTGTGCAAGATTGGGCTCTGCTTTCTTGTC 718

RESULT 13

US-08-634-223-17/c
Sequence 17, Application US/08634223
Patent No. 5840298
GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: CHAMAT, Soulaïma Salim
APPLICANT: PAN, Li-Zhen
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/634,223
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/488,376
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-150
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1428
US-08-634-223-17

Query Match 100.0%; Score 33; DB 2; Length 1428;
Best Local Similarity 100.0%; Pred. No. 4.8e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33
Db 750 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 718

RESULT 14
US-08-634-223-19/c
Sequence 19, Application US/08634223
Patent No. 5840298
GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: CHAMAT, Soulaïma Salim
APPLICANT: PAN, Li-Zhen
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN

TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/634,223
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/488,376
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-150
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1428
US-08-634-223-19

Query Match 100.0%; Score 33; DB 2; Length 1428;
Best Local Similarity 100.0%; Pred. No. 4.8e-05;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 33
Db 750 TTTGTCAAGATTGGGCTGCTTCTTGTGTC 718

RESULT 15
US-08-634-224-17/c
Sequence 17, Application US/08634224
Patent No. 5864125
GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: CHAMAT, Soulaïma Salim
APPLICANT: PAN, Li-Zhen
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:


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/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/   APPLICATION NUMBER: US/08/634,224
/   FILING DATE:
/   CLASSIFICATION: 424
/   PRIOR APPLICATION DATA:
/     APPLICATION NUMBER: US 08/488,376
/     FILING DATE: 07-JUN-1995
/   ATTORNEY/AGENT INFORMATION:
/     NAME: Teskin, Robin L.
/     REGISTRATION NUMBER: 35,030
/     TELECOMMUNICATION INFORMATION:
/       TELEPHONE: (703) 836-6620
/       TELEFAX: (703) 836-2021
/   INFORMATION FOR SEQ ID NO: 17:
/     SEQUENCE CHARACTERISTICS:
/       LENGTH: 1428 base pairs
/       TYPE: nucleic acid
/       STRANDEDNESS: single
/       TOPOLOGY: linear
/     MOLECULE TYPE: DNA (genomic)
/     FEATURE:
/       NAME/KEY: CDS
/       LOCATION: 1..1428
/ US-08-634-224-17

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Query Match 100.0%; Score 33; DB 2; Length 1428;

Best Local Similarity 100.0%; Pred. NO. 4.8e-05; Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1  TTGTGCAAGATTGGGCTGCTTCTTCTGTC 33
          |||||
Db      750 TTGTGCAAGATTGGGCTGCTTCTTCTGTC 718

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Search completed: February 12, 2006, 18:04:49
Job time : 68.7731 secs

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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:12:58 ; Search time 139.496 Seconds
(without alignments)
128.916 Million cell updates/sec

Title: US-10-006-591a-7

Perfect score: 19
Sequence: 1 gactgcacgacgctgacgctg 20

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapect 1.0

Searched: 6240305 seqs, 449581930 residues

Total number of hits satisfying chosen parameters: 12480610

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA_New:*
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2: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
3: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
4: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
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11: /cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq4:*
12: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	19	100.0	23	7	US-10-967-457-36
2	19	100.0	23	11	US-11-128-440-49
3	19	100.0	23	11	US-11-175-690-62
4	19	100.0	38	11	US-11-024-251-37
5	19	100.0	39	11	US-11-024-251-68
6	19	100.0	90	11	US-11-158-505-60
7	19	100.0	97	7	US-10-489-866-31
8	19	100.0	130	7	US-10-839-799-94
9	19	100.0	144	11	US-11-226-325-79
10	19	100.0	296	11	US-11-084-554-59
11	19	100.0	296	11	US-11-084-554-60
12	19	100.0	296	11	US-11-084-554-62
13	19	100.0	296	11	US-11-084-554-64
14	19	100.0	296	11	US-11-084-554-66
15	19	100.0	296	11	US-11-084-554-67
16	19	100.0	296	11	US-11-084-554-102
17	19	100.0	296	11	US-11-136-250-59
18	19	100.0	296	11	US-11-136-250-60
19	19	100.0	296	11	US-11-136-250-62
20	19	100.0	296	11	US-11-136-250-64
21	19	100.0	296	11	US-11-136-250-66

C 22	19	100.0	296	11	US-11-136-250-67	Sequence 67, Appl
C 23	19	100.0	296	11	US-11-136-250-102	Sequence 102, Appl
C 24	19	100.0	363	11	US-11-108-135-123	Sequence 23, Appl
C 25	19	100.0	363	11	US-11-126-978-23	Sequence 23, Appl
C 26	19	100.0	366	11	US-11-105-268-43	Sequence 43, Appl
C 27	19	100.0	369	11	US-11-112-240-13	Sequence 13, Appl
C 28	19	100.0	375	11	US-11-112-304A-13	Sequence 13, Appl
C 29	19	100.0	375	11	US-11-112-240-17	Sequence 17, Appl
C 30	19	100.0	409	7	US-10-839-799-98	Sequence 98, Appl
C 31	19	100.0	418	11	US-11-226-325-15	Sequence 15, Appl
C 32	19	100.0	418	11	US-11-226-325-17	Sequence 17, Appl
C 33	19	100.0	418	11	US-11-226-325-19	Sequence 19, Appl
C 34	19	100.0	418	11	US-11-226-325-21	Sequence 21, Appl
C 35	19	100.0	418	11	US-11-226-325-23	Sequence 23, Appl
C 36	19	100.0	418	11	US-11-226-325-25	Sequence 25, Appl
C 37	19	100.0	418	11	US-11-226-325-27	Sequence 27, Appl
C 38	19	100.0	418	11	US-11-226-325-29	Sequence 29, Appl
C 39	19	100.0	418	11	US-11-226-325-31	Sequence 31, Appl
C 40	19	100.0	418	11	US-11-226-325-33	Sequence 33, Appl
C 41	19	100.0	418	11	US-11-226-325-35	Sequence 35, Appl
C 42	19	100.0	418	11	US-11-226-325-37	Sequence 37, Appl
C 43	19	100.0	418	11	US-11-226-325-39	Sequence 39, Appl
C 44	19	100.0	418	11	US-11-226-325-41	Sequence 41, Appl
C 45	19	100.0	418	11	US-11-226-325-41	Sequence 41, Appl

ALIGNMENTS

RESULT 1
US-10-967-457-36/c
; Sequence 36, Application US/10967457
; Publication NO. US20050244931A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Albinin Fusion Proteins
; FILE REFERENCE: PFS45PCT
; CURRENT APPLICATION NUMBER: US/10/967,457
; PRIOR FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US/09/833,041
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/229,358
; PRIOR FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: 60/256,931
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/199,384
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: primer bind
; OTHER INFORMATION: Degenerate VH forward primer useful for
; OTHER INFORMATION: amplifying human VH domains
US-10-967-457-36
Query Match 100.0%; Score 19; DB 7; Length 23;
Best Local Similarity 95.0%; Pred. No. 13;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 GACTGCACGACGCTGACCTG 20
Db 20 GACTGCACGACGCTGACCTG 1
RESULT 2
US-11-128-440-49/c
; Sequence 49, Application US/11128440
; Publication NO. US20050261478A1
; GENERAL INFORMATION:

```

/ APPLICANT: Ledbetter, Jeffrey A.
/ APPLICANT: Hayden-Ledbetter, Martha
/ APPLICANT: Brady, William A.
/ APPLICANT: Grosmaire, Laura S.
/ APPLICANT: Law, Che-Leung
/ APPLICANT: Dua, Raj
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING
/ TITLE OF INVENTION: LYMPHOCYTE ACTIVATION
/ FILE REFERENCE: 960034.408D1
/ CURRENT APPLICATION NUMBER: US/11/128,440
/ CURRENT FILING DATE: 2005-05-12
/ PRIOR APPLICATION NUMBER: US 10/646,381
/ PRIOR FILING DATE: 2003-08-21
/ PRIOR APPLICATION NUMBER: US 09/252,150
/ PRIOR FILING DATE: 1999-02-18
/ PRIOR APPLICATION NUMBER: US 60/108,683
/ PRIOR FILING DATE: 1998-11-16
/ PRIOR APPLICATION NUMBER: 60/075,274
/ PRIOR FILING DATE: 1998-02-19
/ NUMBER OF SEQ ID NOS: 80
/ SOFTWARE: PastSeq for Windows Version 3.0
/ SEQ ID NO 49
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
/ US-11-128-440-49

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Query Match	100.0%;	Score 19;	DB 11;	Length 23;
Best Local Similarity	95.0%;	Pred. No. 13;		
Matches 19;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;
QY	1	GACTGCACACAGTGNACCTG	20	

Qy 1 GACTGCACCAAGCTGNACCTG 2
 |||||
Db 20 GACTGCACCAAGCTGCACTG 1

```

RESULT 3
US-11-175-690-62/c
Sequence 62, Application US/11175690
Publication No. US20060014254A1
GENERAL INFORMATION:
APPLICANT: Haeseltnre et al.
TITLE OF INVENTION: Albinurn Fusion Proteins
FILE REFERENCE: PE605
CURRENT APPLICATION NUMBER: US/11/175,690
CURRENT FILING DATE: 2005-07-07
PRIOR APPLICATION NUMBER: PCT/US04/001369
PRIOR FILING DATE: 2004-01-20
PRIOR APPLICATION NUMBER: US 60/441,305
PRIOR FILING DATE: 2003-01-22
PRIOR APPLICATION NUMBER: US 60/453,201
PRIOR FILING DATE: 2003-03-11
PRIOR APPLICATION NUMBER: US 60/467,222
PRIOR FILING DATE: 2003-05-02
PRIOR APPLICATION NUMBER: US 60/472,816
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: US 60/476,267
PRIOR FILING DATE: 2003-06-06
PRIOR APPLICATION NUMBER: US 60/505,172
PRIOR FILING DATE: 2003-09-24
PRIOR APPLICATION NUMBER: US 60/506,746
PRIOR FILING DATE: 2003-09-30
NUMBER OF SEQ ID NOS: 568
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 62
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: primer_bind
OTHER INFORMATION: Degenerate VH forward primer useful for

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OTHER INFORMATION: amplifying human VH domains
US-11-175-690-62

Query Match	100.0%;	Score 19;	DB 11;	Length 23;
Best Local Similarity	95.0%;	Pred. No. 13;		
Matches 19;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

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QY      1 GACTGCACCAGCTGNACCTG 20
          |||||
Db      20 GACTGCACCAGCTGCACCTG 1

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, RESULT 4
, US-11-024-251-37/c
, Sequence 37, Application US/11024251
, Publication NO. US20050266425A1
, GENERAL INFORMATION:
, APPLICANT: Zauderer, Maurice
, APPLICANT: Paris, Mark
, TITLE OF INVENTION: Methods for Producing and Identifying Multiplexed Antisense
, FILE REFERENCE: 1843.0230001
, CURRENT APPLICATION NUMBER: US/11/024,251
, CURRENT FILING DATE: 2004-12-29
, PRIOR APPLICATION NUMBER: 60/533,241
, PRIOR FILING DATE: 2003-12-31
, NUMBER OF SEQ ID NOS: 129
, SOFTWARE: PatentIn version 3.3
, SEQ ID NO 37
, LENGTH: 38
, TYPE: DNA
, ORGANISM: Artificial
, FEATURE:
, OTHER INFORMATION: Primer VH1
, US-11-024-251-37

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Query Match	100.0%	Score 19,	DB 11,	Length 38;
Best Local Similarity	95.0%	Pred. No. 14;		
Matches 19;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

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QY      1 GACTGCACCAGCTGNACCTG 20
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Db      35 GACTGCACCAGCTGCACCTG 16

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RESULT 5
US-11-024-251-68/c
; Sequence 68, Application US/11024251
; Publication No. US20050266425A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; APPLICANT: Paris, Mark
; TITLE OF INVENTION: Methods for Producing and Identifying Multiplexed Antibodies
; FILE REFERENCE: 1843.0230001
; CURRENT APPLICATION NUMBER: US/11/024,251
; CURRENT FILING DATE: 2004-12-29
; PRIOR APPLICATION NUMBER: 60/533,241
; PRIOR FILING DATE: 2003-12-31
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 68
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer VH1a
US-11-024-251-68

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Query Match	100.0%	Score 19;	DB 11;	Length 39;
Best Local Similarity	95.0%	Pred. No. 14;		
Matches 19;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0.
QY	1 GACGCAACGAGCTGACCTG 20			

Db 36 GACTGCACGAGCTGCACCTG 17

RESULT 6
US-11-158-505-60
Sequence 60, Application US/11158505
Publication No. US2006002921A1
GENERAL INFORMATION:
APPLICANT: WINSON-HINES, DAWN
APPLICANT: RAO, PATRICIA
APPLICANT: RINGLER, DOUGLAS J
APPLICANT: PONATH, PAUL
TITLE OF INVENTION: OPTIMIZED DOSING OF ANTI-CD4 ANTIBODIES FOR TOLERANCE
FILE REFERENCE: T1A-031
CURRENT APPLICATION NUMBER: US/11/158,505
CURRENT FILING DATE: 2005-06-21
PRIOR APPLICATION NUMBER: 60/582,181
PRIOR FILING DATE: 2004-06-22
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn Ver. 3.3
SEQ ID NO: 60
LENGTH: 90
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-11-158-505-60

Query Match 100.0%; Score 19; DB 11; Length 90;

Best Local Similarity 95.0%; Pred. No. 15;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;QY 1 GACTGCACGAGCTGCACCTG 20
Db 64 GACTGCACGAGCTGCACCTG 83

RESULT 7
US-10-489-866-31/c
Sequence 31, Application US/10489866
Publication No. US2006002923A1
GENERAL INFORMATION:
APPLICANT: UDEB, TOSHIMITSU
APPLICANT: KON, SHIGESUYUKI
APPLICANT: YAMAMOTO, NOBUCHIKA
APPLICANT: HIGUCHI, HIROFUMI
APPLICANT: TORIKAI, MASAHARU
APPLICANT: TOKIEDA, YOSHIYUKI
APPLICANT: MAKASHIMA, TOSHIHIRO
APPLICANT: MAEDA, HIROAKI
TITLE OF INVENTION: RECOMBINANT ANTI-OSTEOPOINTIN ANTIBODY AND USE THEREOF
FILE REFERENCE: 250551US0X PCT
CURRENT APPLICATION NUMBER: US/10/489,866
CURRENT FILING DATE: 2004-03-24
PRIOR APPLICATION NUMBER: PCT/JP02/09868
PRIOR FILING DATE: 2002-09-25
PRIOR APPLICATION NUMBER: JP 2001-290700
PRIOR FILING DATE: 2001-09-25
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.3
SEQ ID NO: 31
LENGTH: 97
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-10-489-866-31

Query Match 100.0%; Score 19; DB 7; Length 97;

Best Local Similarity 95.0%; Pred. No. 15;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;QY 1 GACTGCACGAGCTGCACCTG 20
Db 96 GACTGCACGAGCTGCACCTG 77

RESULT 8
US-10-839-799-94
Sequence 94, Application US/10839799
Publication No. US20050249726A1
GENERAL INFORMATION:
APPLICANT: OHTOMO, Toshihiko
SATO, Koh
TSUCHIYA, Masayuki
TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
MEDULLOBLASTOMA CELLS
NUMBER OF SEQUENCES: 132
CORRESPONDENCE ADDRESS:
ADDRESSER: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/839,799
FILING DATE: 06-May-2004
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/646,265
FILING DATE: 09-SEP-1996
APPLICATION NUMBER: WO PCT/JP94/01763
FILING DATE: 19-OCT-1994
APPLICATION NUMBER: JP 5-291078
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: WEGNER, Harold C.
REGISTRATION NUMBER: 25,258
REFERENCE/DOCKET NUMBER: 53466/184
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 130 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 94:
US-10-839-799-94

Query Match 100.0%; Score 19; DB 7; Length 130;

Best Local Similarity 95.0%; Pred. No. 15;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;QY 1 GACTGCACGAGCTGCACCTG 20
Db 40 GACTGCACGAGCTGCACCTG 59

RESULT 9
US-11-226-325-79
Sequence 79, Application US/11226325
Publication No. US20060008456A1
GENERAL INFORMATION:
APPLICANT: TSUCHIYA, MASAYUKI
TITLE OF INVENTION: NATURAL HUMANIZED ANTIBODY

FILE REFERENCE: 053466/0274
CURRENT APPLICATION NUMBER: US/11/226,325
CURRENT FILING DATE: 2005-09-15
PRIOR APPLICATION NUMBER: US/09/509,098
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: PCT/JP98/04469
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: JP 9-271726
PRIOR FILING DATE: 1997-10-03
NUMBER OF SEQ ID NOS: 203
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 79
LENGTH: 144
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA Primer
US-11-226-325-79

Query Match 100.0%; Score 19; DB 11; Length 144;
Best Local Similarity 95.0%; Pred. No. 15;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGACCTGNACCTG 20
|||||
Db 54 GACTGCACGACCTGCACCTG 73

RESULT 10
US-11-084-554-59/c
Sequence 59, Application US/11084554
Publication No. US20050260679A1
GENERAL INFORMATION:
APPLICANT: Kellermann, Strid-AI
APPLICANT: Green, Larry L.
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
FILE REFERENCE: ABGENIX.100A
CURRENT APPLICATION NUMBER: US/11/084,554
CURRENT FILING DATE: 2005-03-17
PRIOR APPLICATION NUMBER: 60/554,372
PRIOR FILING DATE: 2004-03-19
PRIOR APPLICATION NUMBER: 60/574,661
PRIOR FILING DATE: 2004-05-24
NUMBER OF SEQ ID NOS: 266
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 59
LENGTH: 296
TYPE: DNA
ORGANISM: Homo sapiens
US-11-084-554-59

Query Match 100.0%; Score 19; DB 11; Length 296;
Best Local Similarity 95.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGACCTGNACCTG 20
|||||
Db 20 GACTGCACGACCTGAACCTG 1

RESULT 11
US-11-084-554-60/c
Sequence 60, Application US/11084554
Publication No. US20050260679A1
GENERAL INFORMATION:
APPLICANT: Kellermann, Strid-AI
APPLICANT: Green, Larry L.
APPLICANT: Korver, Wouter
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
FILE REFERENCE: ABGENIX.100A
CURRENT APPLICATION NUMBER: 60/554,372
PRIOR FILING DATE: 2004-03-19
PRIOR APPLICATION NUMBER: 60/574,661

CURRENT APPLICATION NUMBER: US/11/084,554
CURRENT FILING DATE: 2005-03-17
PRIOR APPLICATION NUMBER: 60/554,372
PRIOR FILING DATE: 2004-03-19
PRIOR APPLICATION NUMBER: 60/574,661
PRIOR FILING DATE: 2004-05-24
NUMBER OF SEQ ID NOS: 266
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 60
LENGTH: 296
TYPE: DNA
ORGANISM: Homo sapiens
US-11-084-554-60

Query Match 100.0%; Score 19; DB 11; Length 296;
Best Local Similarity 95.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGACCTGNACCTG 20
|||||
Db 20 GACTGCACGACCTGCACCTG 1

RESULT 12
US-11-084-554-62/c
Sequence 62, Application US/11084554
Publication No. US20050260679A1
GENERAL INFORMATION:
APPLICANT: Kellermann, Strid-AI
APPLICANT: Green, Larry L.
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
FILE REFERENCE: ABGENIX.100A
CURRENT APPLICATION NUMBER: US/11/084,554
CURRENT FILING DATE: 2005-03-17
PRIOR APPLICATION NUMBER: 60/554,372
PRIOR FILING DATE: 2004-03-19
PRIOR APPLICATION NUMBER: 60/574,661
PRIOR FILING DATE: 2004-05-24
NUMBER OF SEQ ID NOS: 266
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 62
LENGTH: 296
TYPE: DNA
ORGANISM: Homo sapiens
US-11-084-554-62

Query Match 100.0%; Score 19; DB 11; Length 296;
Best Local Similarity 95.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGACCTGNACCTG 20
|||||
Db 20 GACTGCACGACCTGAACCTG 1

RESULT 13
US-11-084-554-64/c
Sequence 64, Application US/11084554
Publication No. US20050260679A1
GENERAL INFORMATION:
APPLICANT: Kellermann, Strid-AI
APPLICANT: Green, Larry L.
APPLICANT: Korver, Wouter
TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
FILE REFERENCE: ABGENIX.100A
CURRENT APPLICATION NUMBER: US/11/084,554
CURRENT FILING DATE: 2005-03-17
PRIOR APPLICATION NUMBER: 60/554,372
PRIOR FILING DATE: 2004-03-19
PRIOR APPLICATION NUMBER: 60/574,661

; PRIOR FILING DATE: 2004-05-24
 ; NUMBER OF SEQ ID NOS: 266
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 64
 ; LENGTH: 296
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-11-084-554-64

Query Match 100.0%; Score 19; DB 11; Length 296;
 Best Local Similarity 95.0%; Pred. No. 16;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGACCTG 20
 DB 20 GACTGCACCACTGACCTG 1

RESULT 14
 US-11-084-554-66/c
 ; Sequence 66, Application US/11084554
 ; Publication No. US20050260679A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kellermann, Stryd-AI
 ; APPLICANT: Green, Larry L.
 ; APPLICANT: Korver, Mouter
 ; TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
 ; TITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATION
 ; FILE REFERENCE: AGENIX.100A
 ; CURRENT APPLICATION NUMBER: US/11/084,554
 ; PRIOR FILING DATE: 2005-03-17
 ; PRIOR APPLICATION NUMBER: 60/554,372
 ; PRIOR FILING DATE: 2004-03-19
 ; PRIOR APPLICATION NUMBER: 60/574,661
 ; PRIOR FILING DATE: 2004-05-24
 ; NUMBER OF SEQ ID NOS: 266
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 66
 ; LENGTH: 296
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-11-084-554-66

Query Match 100.0%; Score 19; DB 11; Length 296;
 Best Local Similarity 95.0%; Pred. No. 16;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGACCTG 20
 DB 20 GACTGCACCACTGACCTG 1

RESULT 15
 US-11-084-554-67/c
 ; Sequence 67, Application US/11084554
 ; Publication No. US20050260679A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kellermann, Stryd-AI
 ; APPLICANT: Green, Larry L.
 ; APPLICANT: Korver, Mouter
 ; TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
 ; TITLE OF INVENTION: ANTIBODIES THROUGH V GENE MANIPULATION
 ; FILE REFERENCE: AGENIX.100A
 ; CURRENT APPLICATION NUMBER: US/11/084,554
 ; PRIOR FILING DATE: 2005-03-17
 ; PRIOR APPLICATION NUMBER: 60/554,372
 ; PRIOR FILING DATE: 2004-03-19
 ; PRIOR APPLICATION NUMBER: 60/574,661
 ; PRIOR FILING DATE: 2004-05-24
 ; NUMBER OF SEQ ID NOS: 266
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 67
 ; LENGTH: 296

; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-11-084-554-67

Query Match 100.0%; Score 19; DB 11; Length 296;
 Best Local Similarity 95.0%; Pred. No. 16;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACCACTGACCTG 20
 DB 20 GACTGCACCACTGACCTG 1

Search completed: February 12, 2006, 18:50:47
 Job time : 140.496 secs

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:05:05 ; Search time 241.345 Seconds
(without alignments)
685.276 Million cell updates/sec

Title: US-10-006-591A-7

Perfect score: 19
Sequence: 1 gactgcacccagctgnaacctg 20

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA Main:*

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- 2: /cgn2_6/ptcdat1/pubpna/US08_PUBCOMB.seq:*
- 3: /cgn2_6/ptcdat1/pubpna/US09A_PUBCOMB.seq:*
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- 9: /cgn2_6/ptcdat1/pubpna/US10E_PUBCOMB.seq:*
- 10: /cgn2_6/ptcdat1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	19	100.0	20	5	US-10-006-591-7
2	19	100.0	20	6	US-10-374-932-11
3	19	100.0	20	7	US-10-379-741-11
4	19	100.0	20	7	US-10-687-799-33
5	19	100.0	20	8	US-10-738-120-25
6	19	100.0	20	9	US-10-982-725-11
7	19	100.0	21	9	US-10-920-899-1320
8	19	100.0	21	9	US-10-920-899-1408
9	19	100.0	21	9	US-10-920-899-1546
10	19	100.0	21	9	US-10-920-899-1576
11	19	100.0	23	3	US-09-779-879A-23
12	19	100.0	23	3	US-09-779-880A-23
13	19	100.0	23	3	US-09-910-120-12
14	19	100.0	23	3	US-09-252-150-49
15	19	100.0	23	3	US-09-939-769-7
16	19	100.0	23	3	US-09-833-041-36
17	19	100.0	23	3	US-09-833-245-36
18	19	100.0	23	3	US-09-832-929-36
19	19	100.0	23	5	US-10-077-023-121
20	19	100.0	23	5	US-10-075-846-38
21	19	100.0	23	5	US-10-056-884-31
22	19	100.0	23	5	US-10-080-980-28
23	19	100.0	23	5	US-10-092-135-38

c 24	19	100.0	23	5	US-10-086-156-58	Sequence 58, Appl
c 25	19	100.0	23	5	US-10-081-775-28	Sequence 28, Appl
c 26	19	100.0	23	5	US-10-092-771-41	Sequence 41, Appl
c 27	19	100.0	23	5	US-10-067-443-33	Sequence 33, Appl
c 28	19	100.0	23	5	US-10-104-943-94	Sequence 94, Appl
c 29	19	100.0	23	5	US-10-120-604-140	Sequence 140, Appl
c 30	19	100.0	23	5	US-10-067-649-54	Sequence 54, Appl
c 31	19	100.0	23	5	US-10-067-800-23	Sequence 23, Appl
c 32	19	100.0	23	5	US-10-133-797-32	Sequence 32, Appl
c 33	19	100.0	23	5	US-10-174-613-53	Sequence 53, Appl
c 34	19	100.0	23	5	US-10-071-458-40	Sequence 40, Appl
c 35	19	100.0	23	5	US-10-116-519-105	Sequence 105, Appl
c 36	19	100.0	23	6	US-10-173-461-28	Sequence 28, Appl
c 37	19	100.0	23	6	US-10-153-604A-33	Sequence 33, Appl
c 38	19	100.0	23	6	US-10-341-226-12	Sequence 12, Appl
c 39	19	100.0	23	6	US-10-153-244-272	Sequence 272, Appl
c 40	19	100.0	23	6	US-10-199-869-41	Sequence 41, Appl
c 41	19	100.0	23	6	US-10-210-152-270	Sequence 270, Appl
c 42	19	100.0	23	6	US-10-234-951A-26	Sequence 26, Appl
c 43	19	100.0	23	6	US-10-135-839-23	Sequence 23, Appl
c 44	19	100.0	23	6	US-10-159-339-47	Sequence 47, Appl
c 45	19	100.0	23	6	US-10-120-398-36	Sequence 36, Appl

ALIGNMENTS

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RESULT 1
US-10-006-591-7
; Sequence 7, Application US/10006591
; Publication No. US20030049731A1
; GENERAL INFORMATION:
; APPLICANT: Bowditch, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: Renshaw, Mark
; APPLICANT: Wild, Martha
; APPLICANT: McWhirter, John
; TITLE OF INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
; FILE REFERENCE: 1087-3
; CURRENT APPLICATION NUMBER: US/10/006, 591
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 60/251,440
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: collar sequence
; NAME/KEY: misc feature
; LOCATION: (15)-(15)
; OTHER INFORMATION: n is c or a
US-10-006-591-7

Query Match      100.0%; Score 19; DB 5; Length 20;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      1 GACTGCACCACTGNAACCTG 20
      |||||
Db      1 GACTGCACCACTGNAACCTG 20

RESULT 2
US-10-374-932-11/c
; Sequence 11, Application US/10374932
; Publication No. US20030235586A1
; GENERAL INFORMATION:
; APPLICANT: van de Winkel, Jan G.J.
```

APPLICANT: van Dijk, Marcus Antonius
APPLICANT: Schuurman, Janine
APPLICANT: Baadsgaard, Ole
APPLICANT: Petersen, Jorgen
TITLE OF INVENTION: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)
FILE REFERENCE: GMI-024CP
CURRENT APPLICATION NUMBER: US/10/374,932
CURRENT FILING DATE: 2003-02-26
PRIOR APPLICATION NUMBER: US 60/314,731
PRIOR FILING DATE: 2001-08-23
PRIOR APPLICATION NUMBER: US 10/226615
PRIOR FILING DATE: 2002-08-23
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-374-932-11

Query Match 100.0%; Score 19; DB 6; Length 20;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGAGCTGNACTG 20
|||
Db 20 GACTGCACGAGCTGMACTG 1

RESULT 3
US-10-379-741-11/c
Sequence 11, Application US/10379741
Publication No. US20040071702A1
GENERAL INFORMATION:
APPLICANT: van de Winkel, Jan G.J.
APPLICANT: Schuurman, Janine
APPLICANT: Petersen, Jorgen
APPLICANT: Baadsgaard, Ole
TITLE OF INVENTION: HUMAN ANTIBODIES SPECIFIC FOR INTERLEUKIN 15 (IL-15)
FILE REFERENCE: GMI-024CP2
CURRENT APPLICATION NUMBER: US/10/379,741
CURRENT FILING DATE: 2003-03-05
PRIOR APPLICATION NUMBER: US 60/314,731
PRIOR FILING DATE: 2001-08-23
PRIOR APPLICATION NUMBER: US 10/226615
PRIOR FILING DATE: 2002-08-23
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-379-741-11

Query Match 100.0%; Score 19; DB 7; Length 20;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGAGCTGNACTG 20
|||
Db 20 GACTGCACGAGCTGMACTG 1

RESULT 4
US-10-687-799-33/c
Sequence 33, Application US/10687799
Publication No. US20040167319A1
GENERAL INFORMATION:
APPLICANT: Teeling, Jessica
APPLICANT: Ruus, Sigrid

APPLICANT: Glennie, Martin
APPLICANT: van de Winkel, Jan
APPLICANT: Parren, Paul
APPLICANT: Petersen, Jorgen
APPLICANT: Baadsgaard, Ole
APPLICANT: Huang, Haichun
TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST CD20
FILE REFERENCE: GMI-055
CURRENT APPLICATION NUMBER: US/10/687,799
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: US 60/419,163
PRIOR FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: US 60/460,028
PRIOR FILING DATE: 2002-04-02
NUMBER OF SEQ ID NOS: 57
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-687-799-33

Query Match 100.0%; Score 19; DB 7; Length 20;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGAGCTGNACTG 20
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Db 20 GACTGCACGAGCTGMACTG 1

RESULT 5
US-10-738-120-25/c
Sequence 25, Application US/10738120
Publication No. US20040208873A1
GENERAL INFORMATION:
APPLICANT: Teeling, Jessica
APPLICANT: Baadsgaard, Ole
APPLICANT: Hudson, Debra
APPLICANT: Petersen, Jorgen
TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST INTERLEUKIN 8 (IL-8)
FILE REFERENCE: MXI-278
CURRENT APPLICATION NUMBER: US/10/738,120
CURRENT FILING DATE: 2003-12-16
PRIOR APPLICATION NUMBER: 60/433,728
PRIOR FILING DATE: 2002-12-16
NUMBER OF SEQ ID NOS: 45
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-738-120-25

Query Match 100.0%; Score 19; DB 8; Length 20;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGAGCTGNACTG 20
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Db 20 GACTGCACGAGCTGMACTG 1

RESULT 6
US-10-982-725-11/c
Sequence 11, Application US/10982725
Publication No. US20050123542A1
GENERAL INFORMATION:

APPLICANT: BEURSKENS, Frank
APPLICANT: SCHURMAN, Janine
APPLICANT: PARRIN, Paul
APPLICANT: PETERSEN, Jorgen
APPLICANT: BAADSGAARD, Ole
TITLE OF INVENTION: METHODS FOR TREATING DISORDERS INVOLVING MONOCYTES
FILE REFERENCE: AMJ-002
CURRENT APPLICATION NUMBER: US/10/982,725
PRIORITY FILING DATE: 2004-11-04
PRIORITY FILING DATE: 2003-11-06
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-982-725-11

Query Match 100.0%; Score 19; DB 9; Length 20;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GACTGCACGACCTGACCTG 20
Db 20 GACTGCACGACCTGACCTG 1

RESULT 7
US-10-920-899-1320/c
Sequence 1320, Application US/10920899
Publication No. US20050048617A1
GENERAL INFORMATION:
APPLICANT: Wu, Herren
APPLICANT: Dall'Acqua, William
APPLICANT: Damschroder, Melissa
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES
FILE REFERENCE: AE650US
CURRENT APPLICATION NUMBER: US/10/920,899
CURRENT FILING DATE: 2004-08-18
NUMBER OF SEQ ID NOS: 1781
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1320
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primers
US-10-920-899-1320

Query Match 100.0%; Score 19; DB 9; Length 21;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GACTGCACGACCTGACCTG 20
Db 20 GACTGCACGACCTGACCTG 1

RESULT 8
US-10-920-899-1408/c
Sequence 1408, Application US/10920899
Publication No. US20050048617A1
GENERAL INFORMATION:
APPLICANT: Wu, Herren
APPLICANT: Dall'Acqua, William
APPLICANT: Damschroder, Melissa
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES
FILE REFERENCE: AE650US
CURRENT APPLICATION NUMBER: US/10/920,899
CURRENT FILING DATE: 2004-08-18
NUMBER OF SEQ ID NOS: 1781
SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 1408
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primers
US-10-920-899-1408

Query Match 100.0%; Score 19; DB 9; Length 21;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GACTGCACGACCTGACCTG 20
Db 20 GACTGCACGACCTGACCTG 1

RESULT 9
US-10-920-899-1546/c
Sequence 1546, Application US/10920899
Publication No. US20050048617A1
GENERAL INFORMATION:
APPLICANT: Wu, Herren
APPLICANT: Dall'Acqua, William
APPLICANT: Damschroder, Melissa
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES
FILE REFERENCE: AE650US
CURRENT APPLICATION NUMBER: US/10/920,899
CURRENT FILING DATE: 2004-08-18
NUMBER OF SEQ ID NOS: 1781
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1546
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primers
US-10-920-899-1546

Query Match 100.0%; Score 19; DB 9; Length 21;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GACTGCACGACCTGACCTG 20
Db 20 GACTGCACGACCTGACCTG 1

RESULT 10
US-10-920-899-1576/c
Sequence 1576, Application US/10920899
Publication No. US20050048617A1
GENERAL INFORMATION:
APPLICANT: Wu, Herren
APPLICANT: Dall'Acqua, William
APPLICANT: Damschroder, Melissa
TITLE OF INVENTION: HUMANIZATION OF ANTIBODIES
FILE REFERENCE: AE650US
CURRENT APPLICATION NUMBER: US/10/920,899
CURRENT FILING DATE: 2004-08-18
NUMBER OF SEQ ID NOS: 1781
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1576
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primers
US-10-920-899-1576

Query Match 100.0%; Score 19; DB 9; Length 21;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGACTG 20
|||
Db 20 GACTGCACGACGTGACTG 1

RESULT 11

US-09-779-879A-23/c
; Sequence 23, Application US/09779879A
; Patent No. US20020048786A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRS) HDGNR10
; FILE REFERENCE: 1488.115000A
; CURRENT APPLICATION NUMBER: US/09/779, 879A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain
US-09-779-879A-23

Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGACTG 20
|||
Db 20 GACTGCACGACGTGACTG 1

RESULT 12

US-09-779-880A-23/c
; Sequence 23, Application US/09779880A
; Patent No. US20020061834A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRS) HDGNR10
; FILE REFERENCE: 1488.115000C
; CURRENT APPLICATION NUMBER: US/09/779, 880A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,258
; PRIOR FILING DATE: 2000-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain
US-09-779-880A-23

Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGACTG 20
|||
Db 20 GACTGCACGACGTGACTG 1

RESULT 13

US-09-910-120-12/c
; Sequence 12, Application US/09910120
; Patent No. US20020137053A1
; GENERAL INFORMATION:
; APPLICANT: DANA ADULT-RICHE
; APPLICANT: PAUL D. KASSNER
; TITLE OF INVENTION: COLLECTIONS OF BINDING PROTEINS AND TAGS
; TITLE OF INVENTION: AND USES THEREOF FOR NESTED SORTING AND HIGH THROUGHPUT
; FILE REFERENCE: 25885-1751
; CURRENT APPLICATION NUMBER: US/09/910,120
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/219,183
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer: HUVH1ABACK
US-09-910-120-12

Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 71;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGACTG 20
|||
Db 20 GACTGCACGACGTGACTG 1

RESULT 14

US-09-252-150-49/c
; Sequence 49, Application US/09252150A
; Patent No. US20020155604A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; APPLICANT: Hayden Ledbetter, Martha
; APPLICANT: Brady, William A.
; APPLICANT: Grosmaire, Laura S.
; APPLICANT: Law, Che-Jung
; APPLICANT: Dua, Raj
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING
; TITLE OF INVENTION: LYMPHOCYTE ACTIVATION
; FILE REFERENCE: 9113-0019-999
; CURRENT APPLICATION NUMBER: US/09/252,150A
; CURRENT FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: US 60/075,274
; EARLIER FILING DATE: 1998-02-19
; EARLIER APPLICATION NUMBER: US 60/108,683
; EARLIER FILING DATE: 1998-11-16
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 49
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-252-150-49

Query Match 100.0%; Score 19; DB 3; Length 23;
 Best Local Similarity 95.0%; Pred. No. 71;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGAGCTGNACCTG 20
 |||||
 Db 20 GACTGCACGAGCTGCACCTG 1

RESULT 15

US-09-939-769-7/c
 / Sequence 7, Application US/09939769
 / Publication No. US20030017149A1
 / GENERAL INFORMATION:
 / APPLICANT: HOSPEL, JAMES P.
 / APPLICANT: RUSSELL, MARIJANE
 / TITLE OF INVENTION: SINGLE CHAIN ANTIBODY FUSION REAGENTS THAT REGULATE
 / FILE REFERENCE: 039322/0226
 / CURRENT APPLICATION NUMBER: US/09/939,769
 / PRIOR FILING DATE: 2001-08-28
 / PRIOR APPLICATION NUMBER: 08/728,890
 / NUMBER OF SEQ ID NOS: 96
 / SOFTWARE: Patentln Ver. 2.1
 / SEQ ID NO 7
 / LENGTH: 23
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Description of Artificial Sequence: Primer
 US-09-939-769-7

Query Match 100.0%; Score 19; DB 3; Length 23;
 Best Local Similarity 95.0%; Pred. No. 71;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGAGCTGNACCTG 20
 |||||
 Db 20 GACTGCACGAGCTGCACCTG 1

Search completed: February 12, 2006, 18:36:51
 Job time : 241.345 secs

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 17:49:17 ; Search time 41.6807 Seconds
(without alignments)
852.943 Million cell updates/sec

Title: US-10-006-591A-7

Perfect score: 19

Sequence: 1 gacgcaccagctgacctg 20

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA: *
1: /cgn2_6/ptodata/1/ina/1 COMB.seq: *
2: /cgn2_6/ptodata/1/ina/5 COMB.seq: *
3: /cgn2_6/ptodata/1/ina/6A COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6B COMB.seq: *
5: /cgn2_6/ptodata/1/ina/H COMB.seq: *
6: /cgn2_6/ptodata/1/ina/PCrus COMB.seq: *
7: /cgn2_6/ptodata/1/ina/PP COMB.seq: *
8: /cgn2_6/ptodata/1/ina/RE COMB.seq: *
9: /cgn2_6/ptodata/1/ina/backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	19	100.0	22	3	US-08-896-535-1
2	19	100.0	23	2	US-08-211-202-30
3	19	100.0	23	2	US-08-307-619-10
4	19	100.0	23	2	US-08-350-260A-56
5	19	100.0	23	3	US-09-050-783-10
6	19	100.0	23	3	US-09-104-337A-56
7	19	100.0	23	3	US-10-067-443-33
8	19	100.0	23	3	US-09-726-219A-81
9	19	100.0	23	3	US-09-196-522-81
10	19	100.0	23	3	US-09-833-929A-36
11	19	100.0	23	3	US-09-833-111A-36
12	19	100.0	38	2	US-08-211-202-43
13	19	100.0	41	3	US-10-114-716A-27
14	19	100.0	41	3	US-09-456-090A-2
15	19	100.0	43	3	US-09-453-234-2
16	19	100.0	45	3	US-08-495-209-26
17	19	100.0	45	6	PCT-US96-10905-26
18	19	100.0	56	2	US-08-211-202-101
19	19	100.0	56	2	US-08-307-619-16
20	19	100.0	56	2	US-08-244-537-15
21	19	100.0	56	2	US-08-350-260A-62
22	19	100.0	56	2	US-09-050-783-16
23	19	100.0	56	3	US-09-104-337A-62
24	19	100.0	56	3	US-09-197-224-15

25	19	100.0	56	3	US-09-197-221-15	Sequence 15, Appl
26	19	100.0	56	3	US-09-572-392A-15	Sequence 15, Appl
27	19	100.0	56	3	US-09-723-756-15	Sequence 15, Appl
28	19	100.0	56	3	US-09-532-840-15	Sequence 15, Appl
29	19	100.0	56	3	US-09-726-219A-87	Sequence 87, Appl
30	19	100.0	56	3	US-09-196-522-87	Sequence 87, Appl
31	19	100.0	60	3	US-10-030-203-1	Sequence 1, Appl
32	19	100.0	71	3	US-08-569-147-64	Sequence 64, Appl
33	19	100.0	76	3	US-10-014-012-68	Sequence 68, Appl
34	19	100.0	78	2	US-08-477-877B-61	Sequence 61, Appl
35	19	100.0	78	2	US-08-472-281A-61	Sequence 61, Appl
36	19	100.0	78	2	US-08-477-989B-61	Sequence 61, Appl
37	19	100.0	78	3	US-08-462-140D-61	Sequence 61, Appl
38	19	100.0	117	2	US-08-290-592E-22	Sequence 22, Appl
39	19	100.0	117	6	PCT-US95-10053-19	Sequence 19, Appl
40	19	100.0	117	6	PCT-US96-09448-22	Sequence 22, Appl
41	19	100.0	124	3	US-09-830-748B-15	Sequence 15, Appl
42	19	100.0	130	3	US-08-646-265A-94	Sequence 94, Appl
43	19	100.0	132	2	US-07-634-278-74	Sequence 74, Appl
44	19	100.0	132	2	US-08-477-278-74	Sequence 74, Appl
45	19	100.0	132	2	US-08-474-040-74	Sequence 74, Appl

ALIGNMENTS

RESULT 1
US-08-896-535-1/c
; Sequence 1, Application US/08896535
; Patent No. 6936464
GENERAL INFORMATION:
APPLICANT: Zhu, Delin
APPLICANT: Hawkins, Robert Edward
APPLICANT: Russell, Stephen James
APPLICANT: Stevenson, Freda Katherine
APPLICANT: Winteer, Gregory Paul
TITLE OF INVENTION: Improvements in or relating to
TITLE OF INVENTION: Immune Responses to Fusion Proteins
NUMBER OF SEQUENCES: 79
CORRESPONDENCE ADDRESSES:
ADDRESSER: Pillsbury Madison & Sutro, L.L.P.
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MS Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/896, 535
FILING DATE: 18-JUL-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/411,622
FILING DATE: 14-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB93/02054
FILING DATE: 04-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9220808.1
FILING DATE: 02-OCT-1992
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO

US-08-896-535-1

Query Match 100.0%; Score 19; DB 3; Length 22;
Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGNACCTG 20
|||
DB 20 GACTGCACGACGTGCACCTG 1

RESULT 2

US-08-211-202-30/c
; Sequence 30, Application US/08211202
; Patent No. 5565332

; GENERAL INFORMATION:

; APPLICANT: HOOGENBOOM, Hendricus Renerus Jacobus Mattheus

; APPLICANT: BAIER, Michael

; APPLICANT: JESPER, Laurent Stephane Anne Therese

; APPLICANT: WINTER, Gregory Paul

; TITLE OF INVENTION: Production of chimeric antibodies - a

; TITLE OF INVENTION: combinatorial approach

; NUMBER OF SEQUENCES: 144

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: David W. Clough, Marshall O'Toole Gerstein Murray &

; ADDRESS: Borun

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: USA

; ZIP: 60606-6402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/211,202

; FILING DATE: 23-SEP-1992

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: GB 9120252.3

; FILING DATE: 23-SEP-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: GB 9120377.8

; FILING DATE: 25-SEP-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: GB 9206318.9

; FILING DATE: 24-MAR-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: GB 9206372.6

; FILING DATE: 24-MAR-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/GB92/00883

; FILING DATE: 15-MAY-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: David W. Clough

; REGISTRATION NUMBER: 36,107

; REFERENCE/DOCKET NUMBER: 28111/31960

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 312-474-6300

; TELEFAX: 312-474-0448

; TELEX: 25-3856

; INFORMATION FOR SEQ ID NO: 30:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 23 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-08-211-202-30

Query Match 100.0%; Score 19; DB 2; Length 23;

Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACGACGTGNACCTG 20
|||
DB 20 GACTGCACGACGTGCACCTG 1

RESULT 3

US-08-307-619-10/c
; Sequence 10, Application US/08307619
; Patent No. 5733743

; GENERAL INFORMATION:

; APPLICANT: Johnson, Kevin S

; APPLICANT: Winter, Gregory P

; APPLICANT: Griffiths, Andrew D

; APPLICANT: Smith, Andrew JH

; APPLICANT: Waterhouse, P

; TITLE OF INVENTION: Methods for producing members of specific

; TITLE OF INVENTION: binding pairs

; NUMBER OF SEQUENCES: 67

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

; STREET: 6300 Sears Tower, 233 South Wacker Drive

; CITY: Chicago

; STATE: Illinois

; COUNTRY: USA

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/307,619

; FILING DATE: 16-SEP-1994

; CLASSIFICATION: G01N 33/531, G01N 33/68

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/GB93/00605

; FILING DATE: 24-MAR-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: GB 9206318.9

; FILING DATE: 24-MAR-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/GB92/00883

; FILING DATE: 15-MAY-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: David W. Clough

; REGISTRATION NUMBER: 36,107

; REFERENCE/DOCKET NUMBER: 28111/32238

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 312-474-6300

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 23 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-307-619-10

OY 1 GACTGCACGACGTGNACCTG 20
|||
DB 20 GACTGCACGACGTGCACCTG 1

RESULT 4

US-08-350-260A-56/c
; Sequence 56, Application US/08350260A
; Patent No. 5962255

Query Match 100.0%; Score 19; DB 2; Length 23;

GENERAL INFORMATION:
APPLICANT: Winter, Gregory Paul
APPLICANT: Griffiths, Andrew David
APPLICANT: Williams, Samuel Cameron
APPLICANT: Waterhouse, Peter
APPLICANT: Nissim, Ahuva
APPLICANT: Johnson, Kevin Stuart
APPLICANT: Smith, Andrew John Hammond
TITLE OF INVENTION: Methods for producing members of specific
NUMBER OF SEQUENCES: 602
CORRESPONDENCE ADDRESS:
ADDRESSEE: David W. Clough
STREET: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/350,260A
FILING DATE: 05-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9110549.4
FILING DATE: 15-MAY-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB91/01134
FILING DATE: 10-JUL-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/00883
FILING DATE: 15-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB93/00605
FILING DATE: 24-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/150,002
FILING DATE: 31-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/307,619
FILING DATE: 16-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/32372
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-350-260A-56

Query Match 100.0%; Score 19; DB 2; Length 23;
Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGAGTGNACCTG 20
|||||
DB 20 GACTGCACGAGTGCACCTG 1

RESULT 5

US-09-050-783-10/c
Sequence 10, Application US/09050783
Patent No. 6140471
GENERAL INFORMATION:
APPLICANT: Johnson, Kevin S
APPLICANT: Winter, Gregory P
APPLICANT: Griffiths, Andrew D
APPLICANT: Smith, Andrew JH
APPLICANT: Waterhouse, P
TITLE OF INVENTION: Methods for producing members of specific
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/050,783
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/307,619
FILING DATE: 16-SEP-1994
APPLICATION NUMBER: PCT/GB93/00605
FILING DATE: 24-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/00883
FILING DATE: 15-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: David W. Clough
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/32238
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-050-783-10

Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GACTGCACGAGTGNACCTG 20
|||||
DB 20 GACTGCACGAGTGCACCTG 1

RESULT 6
US-09-104-337A-56/c
Sequence 56, Application US/09104337A
Patent No. 6492160
GENERAL INFORMATION:

APPLICANT: Winter, Gregory Paul
Griffiths, Andrew David
Williams, Samuel Cameron
Waterhouse, Peter
Nissim, Ahuva
Johnson, Kevin Stuart

Smith, Andrew John Hammond
TITLE OF INVENTION: Methods for producing members of specific
binding pairs
NUMBER OF SEQUENCES: 600
CORRESPONDENCE ADDRESS:
ADDRESSEE: Audrey L. Bartnicki
STREET: Marshall, Gerstein & Borun
6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/104,337A
FILING DATE: 25-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/350,260
FILING DATE: 05-DEC-1994
APPLICATION NUMBER: GB 9110549.4
FILING DATE: 15-MAY-1991
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
APPLICATION NUMBER: PCT/GB92/00883
FILING DATE: 15-MAY-1992
APPLICATION NUMBER: PCT/GB93/00605
FILING DATE: 24-MAR-1993
APPLICATION NUMBER: US 08/150,002
FILING DATE: 31-MAR-1994
APPLICATION NUMBER: US 08/307,619
FILING DATE: 16-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bartnicki, Audrey L.
REGISTRATION NUMBER: 40,499
REFERENCE/ROCKET NUMBER: 28111/32372A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-09-104-337A-56
Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 GACTGCACCACTGTCGACCTG 20
|||||
Db 20 GACTGCACCACTGTCGACCTG 1
RESULT 7
US-10-067-443-33/c
Sequence 33, Application US/10067443
Patent No. 6642041
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED IN
FILE REFERENCE: D0073 NP
CURRENT APPLICATION NUMBER: US/10/067,443
PRIOR APPLICATION NUMBER: US 60/266,518
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: US 60/282,814

PRIOR FILING DATE: 2001-04-10
NUMBER OF SEQ ID NOS: 71
SOFTWARE: Patentin version 3.0
SEQ ID NO 33
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-10-067-443-33
Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 GACTGCACCACTGTCGACCTG 20
|||||
Db 20 GACTGCACCACTGTCGACCTG 1
RESULT 8
US-09-726-219A-81/c
Sequence 81, Application US/09726219A
Patent No. 6806079
GENERAL INFORMATION:
APPLICANT: Cambridge Antibody Technology Limited
APPLICANT: Cambridge Antibody Technology Limited
APPLICANT: Medical Research Council
APPLICANT: McCafferty, John
APPLICANT: Pope, Anthony
APPLICANT: Johnson, Kevin
APPLICANT: Hoogenboom, Hendricus
APPLICANT: Griffiths, Andrew
APPLICANT: Jackson, Ronald
APPLICANT: Holliger, Kasper
APPLICANT: Marks, James
APPLICANT: Jackson, Timothy
APPLICANT: Chiswell, David
APPLICANT: Winter, Gregory
APPLICANT: Bonert, Timothy
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
FILE REFERENCE: 213839-00013
CURRENT APPLICATION NUMBER: US/09/726,219A
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: GB 9015198.6
PRIOR FILING DATE: 1990-07-10
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9024503.6
PRIOR FILING DATE: 1990-11-12
PRIOR APPLICATION NUMBER: GB 9104744.9
PRIOR FILING DATE: 1991-03-06
PRIOR APPLICATION NUMBER: GB 9110549.4
PRIOR FILING DATE: 1991-05-15
PRIOR APPLICATION NUMBER: PCT/GB91/01134
PRIOR FILING DATE: 1991-07-10
PRIOR APPLICATION NUMBER: US 07/971,857
PRIOR FILING DATE: 1993-01-08
PRIOR APPLICATION NUMBER: US 08/484,893
NUMBER OF SEQ ID NOS: 272
SOFTWARE: Patentin version 3.1
SEQ ID NO 81
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: PCR Primer
US-09-726-219A-81
Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGACTG 20
Db 20 GACTGCACCACTGACTG 1

RESULT 9
US-09-196-522-81/C

Sequence 81, Application US/09196522
Patent No. 691605
GENERAL INFORMATION:
APPLICANT: Cambridge Antibody Technology
APPLICANT: Cambridge Antibody Technology Limited
APPLICANT: Medical Research Council
APPLICANT: McCafferty, John
APPLICANT: Pope, Anthony
APPLICANT: Johnson, Kevin
APPLICANT: Hoogenboom, Hendricus
APPLICANT: Griffiths, Andrew
APPLICANT: Jackson, Ronald
APPLICANT: Holliger, Kaaper
APPLICANT: Marks, James
APPLICANT: Jackson, Timothy
APPLICANT: Chiswell, David
APPLICANT: Winter, Gregory
APPLICANT: Bonert, Timothy
TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs
FILE REFERENCE: 213839-00004
CURRENT FILING DATE: 1998-11-28
PRIOR FILING DATE: 1998-11-28
PRIOR APPLICATION NUMBER: GB 9015198.6
PRIOR FILING DATE: 1990-07-10
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9022845.3
PRIOR FILING DATE: 1990-10-19
PRIOR APPLICATION NUMBER: GB 9024503.6
PRIOR FILING DATE: 1990-11-12
PRIOR APPLICATION NUMBER: GB 9104744.9
PRIOR FILING DATE: 1991-03-06
PRIOR APPLICATION NUMBER: GB 9110549.4
PRIOR FILING DATE: 1991-05-15
PRIOR APPLICATION NUMBER: PCT/GB91/01134
PRIOR FILING DATE: 1991-07-10
PRIOR APPLICATION NUMBER: US 07/971,857
PRIOR FILING DATE: 1993-01-08
PRIOR APPLICATION NUMBER: US 08/484,893
PRIOR FILING DATE: 1995-06-07
NUMBER OF SEQ ID NOS: 272
SOFTWARE: PatentIn version 3.1
SEQ ID NO 81
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: PCR Primer
US-09-196-522-81

Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGACTG 20
Db 20 GACTGCACCACTGACTG 1

RESULT 10
US-09-832-929A-36/C
Sequence 36, Application US/09832929A
Patent No. 6926898
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.

TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PPS47PCT
CURRENT FILING DATE: US/09/832,929A
CURRENT FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/229,358
PRIOR FILING DATE: 2000-04-12
PRIOR APPLICATION NUMBER: 60/256,931
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/199,384
PRIOR FILING DATE: 2000-04-25
NUMBER OF SEQ ID NOS: 82
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 36
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
NAME/KEY: primer bind
OTHER INFORMATION: Degenerate VH forward primer useful for
OTHER INFORMATION: amplifying human VH domains
US-09-832-929A-36

Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGACTG 20
Db 20 GACTGCACCACTGACTG 1

RESULT 11
US-09-833-111A-36/C
Sequence 36, Application US/09833111A
Patent No. 6946134
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PPS48PCT
CURRENT FILING DATE: US/09/833,111A
CURRENT FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/229,358
PRIOR FILING DATE: 2000-04-12
PRIOR APPLICATION NUMBER: 60/256,931
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/199,384
PRIOR FILING DATE: 2000-04-25
NUMBER OF SEQ ID NOS: 82
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 36
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
NAME/KEY: primer bind
OTHER INFORMATION: Degenerate VH forward primer useful for
OTHER INFORMATION: amplifying human VH domains
US-09-833-111A-36

Query Match 100.0%; Score 19; DB 3; Length 23;
Best Local Similarity 95.0%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGACTG 20
Db 20 GACTGCACCACTGACTG 1

RESULT 12
US-08-211-202-43/C
Sequence 43, Application US/08211202
Patent No. 5565332
GENERAL INFORMATION:

APPLICANT: HOOGENBOOM, Hendricus Renerus Jacobus Mattheus
APPLICANT: BAER, Michael
APPLICANT: JESPERS, Laurent Stephane Anne Therese
APPLICANT: WINNER, Gregory Paul
TITLE OF INVENTION: Production of chimeric antibodies - a
TITLE OF INVENTION: combinatorial approach
NUMBER OF SEQUENCES: 144
CORRESPONDENCE ADDRESS:
ADDRESSEE: David W. Clough, Marshall O'Toole Gerstein Murray &
ADDRESS: Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/211,202
FILING DATE: 23-SEP-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9120252.3
FILING DATE: 23-SEP-1991
APPLICATION NUMBER: GB 9120377.8
FILING DATE: 25-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/00883
FILING DATE: 15-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: David W. Clough
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/31960
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
TELEX: 25-1856
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-211-202-43
Query Match 100.0%; Score 19; DB 2; Length 38;
Best Local Similarity 95.0%; Pred. No. 29;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGNACTG 20
DB 35 GACTGCACCACTGCACTG 16

RESULT 13
US-10-114-716A-27/c
Sequence 27, Application US/10114716A
GENERAL INFORMATION:
APPLICANT: Sudhir Paul
APPLICANT: Yasuhiro Nishiyama
TITLE OF INVENTION: Covalently Reactive Transition State

TITLE OF INVENTION: Analogs and Methods of Use Thereof
FILE REFERENCE: UTH001HB
CURRENT APPLICATION NUMBER: US/10/114,716A
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 09/862,849
PRIOR FILING DATE: 2001-05-22
PRIOR APPLICATION NUMBER: 09/046,373
PRIOR FILING DATE: 1998-03-23
PRIOR APPLICATION NUMBER: 60/280,624
PRIOR FILING DATE: 2001-03-31
NUMBER OF SEQ ID NOS: 57
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 27
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-114-716A-27
Query Match 100.0%; Score 19; DB 3; Length 41;
Best Local Similarity 95.0%; Pred. No. 29;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGNACTG 20
DB 38 GACTGCACCACTGCACTG 19

RESULT 14
US-09-456-090A-2/c
Sequence 2, Application US/09456090A
Patent No. 6680209
GENERAL INFORMATION:
APPLICANT: Buechler, Joe
APPLICANT: Walkers, Gunars
APPLICANT: Gray, Jeff
APPLICANT: Lonberg, Nils
TITLE OF INVENTION: HUMAN ANTIBODIES AS DIAGNOSTIC REAGENTS
FILE REFERENCE: 020015-000200US
CURRENT APPLICATION NUMBER: US/09/456,090A
CURRENT FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 110
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 43
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Oligo 944
US-09-456-090A-2
Query Match 100.0%; Score 19; DB 3; Length 43;
Best Local Similarity 95.0%; Pred. No. 29;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 GACTGCACCACTGNACTG 20
DB 40 GACTGCACCACTGCACTG 21

RESULT 15
US-09-453-234-2/c
Sequence 2, Application US/09453234
Patent No. 6794132
GENERAL INFORMATION:
APPLICANT: Buechler, Joe
APPLICANT: Walkers, Gunars
APPLICANT: Gray, Jeff
APPLICANT: Lonberg, Nils
APPLICANT: Biosite Diagnostics, Inc.
APPLICANT: Genpharm International
TITLE OF INVENTION: Human Antibodies
FILE REFERENCE: 020015-000110US
CURRENT APPLICATION NUMBER: US/09/453,234

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/ CURRENT FILING DATE: 1999-12-01
/ PRIOR APPLICATION NUMBER: US 60/157,415
/ PRIOR FILING DATE: 1999-10-02
/ NUMBER OF SEQ ID NOS: 112
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO: 2
/ LENGTH: 43
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Description of Artificial Sequence: Oligo 944
US-09-453-234-2

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Query Match          100.0%; Score 19; DB 3; Length 43;
Best Local Similarity 95.0%; Pred. No. 29;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 GACTGCACCACTGNACTG 20
        |||||
Db      40 GACTGCACCACTGCACTG 21

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Search completed: February 12, 2006, 18:04:49
 Job time : 42.6807 secs

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:05:05 ; Search time 193.076 Seconds
(without alignments)
685.276 Million cell updates/sec

Title: US-10-006-591A-3

Perfect score: 15
Sequence: 1 ggggtcattcgatgctn 16

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA_Main:*

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- 2: /cgn2_6/ptcdaca/1/pubpna/US08_PUBCOMB.seq:*
- 3: /cgn2_6/ptcdaca/1/pubpna/US09_PUBCOMB.seq:*
- 4: /cgn2_6/ptcdaca/1/pubpna/US09B_PUBCOMB.seq:*
- 5: /cgn2_6/ptcdaca/1/pubpna/US10A_PUBCOMB.seq:*
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- 7: /cgn2_6/ptcdaca/1/pubpna/US10C_PUBCOMB.seq:*
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- 9: /cgn2_6/ptcdaca/1/pubpna/US10E_PUBCOMB.seq:*
- 10: /cgn2_6/ptcdaca/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	15	100.0	16	US-10-006-591-3	Sequence 3, Appl1
2	15	100.0	20	US-09-192-854-187	Sequence 187, App
3	15	100.0	20	US-09-192-854-199	Sequence 199, App
4	15	100.0	20	US-09-968-561A-325	Sequence 325, App
5	15	100.0	20	US-09-968-561A-337	Sequence 337, App
6	15	100.0	20	US-09-968-744A-325	Sequence 325, App
7	15	100.0	20	US-09-968-744A-337	Sequence 337, App
8	15	100.0	20	US-09-968-561A-325	Sequence 325, App
9	15	100.0	20	US-09-968-561A-337	Sequence 337, App
10	15	100.0	20	US-11-115-682-325	Sequence 325, App
11	15	100.0	20	US-11-115-682-337	Sequence 337, App
12	15	100.0	21	US-09-810-999-1	Sequence 1, Appl1
13	15	100.0	21	US-09-389-565-7	Sequence 7, Appl1
14	15	100.0	21	US-09-810-999-1	Sequence 1, Appl1
15	100.0	21	6	US-10-435-567-2	Sequence 2, Appl1
16	15	100.0	21	US-10-296-085A-2	Sequence 2, Appl1
17	15	100.0	21	US-10-920-899-1250	Sequence 1250, App
18	15	100.0	21	US-10-920-899-1539	Sequence 1539, App
19	15	100.0	21	US-10-920-899-1565	Sequence 1565, App
20	15	100.0	22	US-10-465-466-14	Sequence 14, Appl1
21	15	100.0	23	US-09-779-879A-33	Sequence 33, Appl1
22	15	100.0	23	US-09-025-403A-31	Sequence 31, Appl1
23	15	100.0	23	US-09-779-880A-33	Sequence 33, Appl1

c	24	15	100.0	23	3	US-09-910-120-22	Sequence 22, Appl1
	25	15	100.0	23	3	US-09-974-052-31	Sequence 31, Appl1
	26	15	100.0	23	3	US-09-974-051-31	Sequence 31, Appl1
	27	15	100.0	23	3	US-09-999-025-29	Sequence 29, Appl1
	28	15	100.0	23	3	US-09-999-040-29	Sequence 29, Appl1
	29	15	100.0	23	3	US-09-998-817-29	Sequence 29, Appl1
	30	15	100.0	23	3	US-09-999-021-29	Sequence 29, Appl1
	31	15	100.0	23	3	US-09-939-769-41	Sequence 41, Appl1
	32	15	100.0	23	3	US-09-974-498-31	Sequence 31, Appl1
	33	15	100.0	23	3	US-09-974-516-31	Sequence 31, Appl1
	34	15	100.0	23	3	US-09-833-041-46	Sequence 46, Appl1
	35	15	100.0	23	3	US-09-833-245-46	Sequence 46, Appl1
	36	15	100.0	23	3	US-09-832-929-46	Sequence 46, Appl1
	37	15	100.0	23	5	US-10-040-997-29	Sequence 29, Appl1
	38	15	100.0	23	5	US-10-077-023-95	Sequence 95, Appl1
	39	15	100.0	23	5	US-10-075-846-48	Sequence 48, Appl1
	40	15	100.0	23	5	US-10-056-884-41	Sequence 41, Appl1
	41	15	100.0	23	5	US-10-080-980-38	Sequence 38, Appl1
	42	15	100.0	23	5	US-10-092-135-48	Sequence 48, Appl1
	43	15	100.0	23	5	US-10-086-156-68	Sequence 68, Appl1
	44	15	100.0	23	5	US-10-081-775-38	Sequence 38, Appl1
	45	15	100.0	23	5	US-10-092-771-51	Sequence 51, Appl1

ALIGNMENTS

RESULT 1
US-10-006-591-3
; Sequence 3, Application US/10006591
; Publication No. US20030049731A1
; GENERAL INFORMATION:
; APPLICANT: Bowditch, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: Renshaw, Mark
; APPLICANT: Wild, Martha
; APPLICANT: McWhitter, John
; TITLE OR INVENTION: ENGINEERED PLASMIDS AND THEIR USE FOR IN SITU PRODUCTION OF GENES
; FILE REFERENCE: 1087-3
; CURRENT APPLICATION NUMBER: US/10/006,591
; CURRENT FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 60/251,440
; PRIOR FILING DATE: 2000-12-05
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: collar sequence
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: n is c or t
US-10-006-591-3

Query Match 100.0%; Score 15; DB 5; Length 16;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGATGT 15
Db 1 GGGTCATCTGATGT 15

RESULT 2
US-09-192-854-187/c
; Sequence 187, Application US/09192854
; Patent No. US20020068276A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Greg

```

; APPLICANT: Tomlinson, Ian
; TITLE OF INVENTION: Methods for Selecting Functional Peptides
; FILE REFERENCE: 3789/72916
; CURRENT APPLICATION NUMBER: US/09/192,854
; CURRENT FILING DATE: 1998-11-17
; EARLIER APPLICATION NUMBER: 60/066,729
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-192-854-187

Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
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```

RESULT 3
US-09-192-854-199/c
; Sequence 199, Application US/09192854
; Patent No. US20020068276A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Greg
; APPLICANT: Tomlinson, Ian
; TITLE OF INVENTION: Methods for Selecting Functional Peptides
; FILE REFERENCE: 3789/72916
; CURRENT APPLICATION NUMBER: US/09/192,854
; CURRENT FILING DATE: 1998-11-17
; EARLIER APPLICATION NUMBER: 60/066,729
; EARLIER FILING DATE: 1997-11-21
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-192-854-199
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Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```

Qy      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
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```

RESULT 4
US-09-968-561A-325/c
; Sequence 325, Application US/09968561A
; Patent No. US20020164642A1
; GENERAL INFORMATION:
; APPLICANT: Tomlinson, Ian M
; APPLICANT: Winter, Gregory
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/1073B
; CURRENT APPLICATION NUMBER: US/09/968,561A
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
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; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 325
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-561A-325
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```

Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```

Qy      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
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RESULT 5
US-09-968-561A-337/c
; Sequence 337, Application US/09968561A
; Patent No. US20020164642A1
; GENERAL INFORMATION:
; APPLICANT: Tomlinson, Ian M
; APPLICANT: Winter, Gregory
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/1073B
; CURRENT APPLICATION NUMBER: US/09/968,561A
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 337
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-561A-337
```

```

Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Qy      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
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```

RESULT 6
US-09-968-744A-325/c
; Sequence 325, Application US/09968744A
; Publication No. US20030148372A1
; GENERAL INFORMATION:
; APPLICANT: Tomlinson, Ian M
; APPLICANT: Winter, Gregory
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/1073
; CURRENT APPLICATION NUMBER: US/09/968,744A
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; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 325
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-744A-325
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Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
```

```

RESULT 7
US-09-968-744A-337/c
; Sequence 337, Application US/09968744A
; Publication No. US20030148372A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Gregory
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/1073
; CURRENT APPLICATION NUMBER: US/09/968,744A
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 337
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-744A-337
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Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
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RESULT 8

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US-09-968-561A-325/c
; Sequence 325, Application US/09968561A
; Publication No. US20040038291A2
; GENERAL INFORMATION:
; APPLICANT: Tomlinson, Ian M
; APPLICANT: Winter, Gregory
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/1073B
; CURRENT APPLICATION NUMBER: US/09/968,561A
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 325
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-561A-325
```

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Query Match          100.0%; Score 15; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 GGGTCATCTGGATGT 15
        |||||
Db      16 GGGTCATCTGGATGT 2
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```

RESULT 9
US-09-968-561A-337/c
; Sequence 337, Application US/09968561A
; Publication No. US20040038291A2
; GENERAL INFORMATION:
; APPLICANT: Tomlinson, Ian M
; APPLICANT: Winter, Gregory
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/1073B
; CURRENT APPLICATION NUMBER: US/09/968,561A
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 337
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic PCR primer
US-09-968-561A-337
```

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Query Match          100.0%; Score 15; DB 3; Length 20;
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Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15
|||||

Db 16 GGGTCATCTGGATGT 2

RESULT 10

US-11-115-682-325/c
; Sequence 325, Application US/11115682
; Publication No. US20050202512A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Gregory
; APPLICANT: Tomlinson, Ian M
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/10738
; CURRENT APPLICATION NUMBER: US/11/115,682
; CURRENT FILING DATE: 2005-04-27
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 325
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic PCR primer
US-11-115-682-325

Query Match 100.0%; Score 15; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15
|||||

Db 16 GGGTCATCTGGATGT 2

RESULT 11

US-11-115-682-337/c
; Sequence 337, Application US/11115682
; Publication No. US20050202512A1
; GENERAL INFORMATION:
; APPLICANT: Winter, Gregory
; APPLICANT: Tomlinson, Ian M
; TITLE OF INVENTION: Method to Screen Phage Display Libraries with Different Ligands
; FILE REFERENCE: 8039/10738
; CURRENT APPLICATION NUMBER: US/11/115,682
; CURRENT FILING DATE: 2005-04-27
; PRIOR APPLICATION NUMBER: GB 9722131.1
; PRIOR FILING DATE: 1997-10-20
; PRIOR APPLICATION NUMBER: US 60/065,248
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: US 60/066,729
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: PCT/GB98/03135
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: US 09/511,939
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 350
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 337

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic PCR primer
US-11-115-682-337

Query Match 100.0%; Score 15; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15
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Db 16 GGGTCATCTGGATGT 2

RESULT 12

US-09-810-999-1/c
; Sequence 1, Application US/09810999
; Patent No. US2001002465A1
; GENERAL INFORMATION:
; APPLICANT: Neville, David M.
; APPLICANT: Thomas, Judith T.
; APPLICANT: Thomas, Francis T.
; TITLE OF INVENTION: USE OF IMMUNOTOXINS TO INDUCE IMMUNE
; TITLE OF INVENTION: TOLERANCE TO PANCREATIC ISLET TRANSPLANTATION
; FILE REFERENCE: 14028.0284U2
; CURRENT APPLICATION NUMBER: US/09/810,999
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 09/064,413
; PRIOR FILING DATE: 1998-04-22
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/note =
US-09-810-999-1

Query Match 100.0%; Score 15; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15
|||||

Db 16 GGGTCATCTGGATGT 2

RESULT 13

US-09-389-565-7/c
; Sequence 7, Application US/09389565
; Publication No. US20030157093A1
; GENERAL INFORMATION:
; APPLICANT: Neville, David M.
; APPLICANT: Scharff, Joshua E.
; APPLICANT: Thompson, Jerry Todd
; APPLICANT: Hu, Hualzhong
; APPLICANT: Ma, Shenglin
; TITLE OF INVENTION: AN IMMUNOTOXIN WITH IN VIVO T CELL
; TITLE OF INVENTION: SUPPRESSANT ACTIVITY AND METHODS OF USE
; FILE REFERENCE: 14028.0290
; CURRENT APPLICATION NUMBER: US/09/389,565
; CURRENT FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: 08/739,703
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/008,104
; PRIOR FILING DATE: 1995-10-30
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-09-389-565-7

Query Match 100.0%; Score 15; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15
Db 16 GGGTCATCTGGATGT 2

RESULT 14
US-09-810-999-1/c
Sequence 1, Application US/09810999
Publication No. US20050142117A9
GENERAL INFORMATION:
APPLICANT: Neville, David M.
APPLICANT: Thomas, Judith T.
TITLE OF INVENTION: USE OF IMMUNOTOXINS TO INDUCE IMMUNE
TOLERANCE TO PANCREATIC ISLET TRANSPLANTATION
FILE REFERENCE: 14028.028402
CURRENT APPLICATION NUMBER: US/09/810,999
CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 09/064,413
PRIOR FILING DATE: 1998-04-22
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:/note =
US-09-810-999-1

Query Match 100.0%; Score 15; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15
Db 16 GGGTCATCTGGATGT 2

RESULT 15
US-10-435-567-2/c
Sequence 2, Application US/10435567
Publication No. US20030185825A1
GENERAL INFORMATION:
APPLICANT: Neville, David M.
APPLICANT: Knechtle, Stuart
APPLICANT: Thomas, Judith M.
APPLICANT: Thompson, Jerry T.
APPLICANT: Hu, Hualzhong
APPLICANT: Ma, Shenglin
TITLE OF INVENTION: IMMUNOTOXINS AND METHODS OF INDUCING
TOLERANCE
FILE REFERENCE: 14028.0287
CURRENT APPLICATION NUMBER: US/10/435,567
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: US/09/380,484
PRIOR FILING DATE: 1999-12-06
PRIOR APPLICATION NUMBER: PCT/US98/04303
PRIOR FILING DATE: 1998-03-05
PRIOR APPLICATION NUMBER: 60/039,987

PRIOR FILING DATE: 1997-03-05
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:/note =
US-10-435-567-2

Query Match 100.0%; Score 15; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGTCATCTGGATGT 15
Db 16 GGGTCATCTGGATGT 2

Search completed: February 12, 2006, 18:36:50
Job time : 194.076 secs

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November 2005

Published_Applications Nucleic Acid and Published_Applications Amino Acid database searches now generate two sets of results each. The Published_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published_Applications_New databases; older published applications make up the Published_Applications_Main databases.

Searches run against Nucleic Acid Published_Applications produce two sets of results, with the extensions **.rnpbm** (Published_Applications_NA_Main) and **.rnpbn** (Published_Applications_NA_New). Searches run against Amino Acid Published_Applications produce two sets of results, with the extensions **.rapbm** (Published_Applications_AA_Main) and **.rapbn** (Published_Applications_AA_New).

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GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: February 12, 2006, 18:12:58 / Search time 111.597 Seconds
(without alignments)
128.916 Million cell updates/sec

Title: US-10-006-591A-3

Perfect score: 15

Sequence: 1 gggatcattcgatcgtn 16

Scoring table: IDENTITY NUC

Searched: 6240305 seqs, 449581930 residues

Total number of hits satisfying chosen parameters: 12480610

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Published Applications NA New:
1: /cgn2_6/ptcdatc/1/pubpna/US06_NEW_PUB.seq:
2: /cgn2_6/ptcdatc/1/pubpna/US07_NEW_PUB.seq:
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4: /cgn2_6/ptcdatc/1/pubpna/PCT_NEW_PUB.seq:
5: /cgn2_6/ptcdatc/1/pubpna/US09_NEW_PUB.seq:
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10: /cgn2_6/ptcdatc/1/pubpna/US11_NEW_PUB.seq:
11: /cgn2_6/ptcdatc/1/pubpna/US11_NEW_PUB.seq:
12: /cgn2_6/ptcdatc/1/pubpna/US60_NEW_PUB.seq:

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	15	100.0	23	7	US-10-967-457-46
2	15	100.0	23	11	US-11-175-690-72
3	15	100.0	25	11	US-11-121-849-24405
4	15	100.0	35	11	US-11-024-251-47
5	15	100.0	35	11	US-11-041-095-11
6	15	100.0	35	11	US-11-041-095-12
7	15	100.0	35	11	US-11-041-095-17
8	15	100.0	35	11	US-11-041-095-18
9	15	100.0	35	11	US-11-041-095-23
10	15	100.0	35	11	US-11-041-095-24
11	15	100.0	37	11	US-11-024-251-78
12	15	100.0	39	7	US-10-925-366A-14
13	15	100.0	41	7	US-10-839-799-105
14	15	100.0	44	7	US-10-839-799-106
15	15	100.0	44	11	US-11-009-840A-222
16	15	100.0	44	11	US-11-009-873A-222
17	15	100.0	44	11	US-11-009-769A-222
18	15	100.0	50	11	US-11-080-587-3
19	15	100.0	65	7	US-10-310-914A-9466
20	15	100.0	79	7	US-10-310-914A-3491
21	15	100.0	81	7	US-10-310-914A-9484

c	22	15	100.0	84	7	US-10-839-799-100	Sequence 100, App
	23	15	100.0	87	7	US-10-473-037-18	Sequence 18, App
	24	15	100.0	87	7	US-10-473-037-43	Sequence 43, App
	25	15	100.0	287	11	US-11-084-554-157	Sequence 157, App
	26	15	100.0	287	11	US-11-084-554-162	Sequence 162, App
	27	15	100.0	287	11	US-11-084-554-167	Sequence 167, App
	28	15	100.0	287	11	US-11-084-554-170	Sequence 170, App
	29	15	100.0	287	11	US-11-084-554-171	Sequence 171, App
	30	15	100.0	287	11	US-11-084-554-172	Sequence 172, App
	31	15	100.0	287	11	US-11-084-554-175	Sequence 175, App
	32	15	100.0	287	11	US-11-084-554-183	Sequence 183, App
	33	15	100.0	287	11	US-11-084-554-189	Sequence 189, App
	34	15	100.0	287	11	US-11-084-554-192	Sequence 192, App
	35	15	100.0	287	11	US-11-084-554-194	Sequence 194, App
	36	15	100.0	287	11	US-11-136-250-157	Sequence 157, App
	37	15	100.0	287	11	US-11-136-250-162	Sequence 162, App
	38	15	100.0	287	11	US-11-136-250-167	Sequence 167, App
	39	15	100.0	287	11	US-11-136-250-170	Sequence 170, App
	40	15	100.0	287	11	US-11-136-250-171	Sequence 171, App
	41	15	100.0	287	11	US-11-136-250-172	Sequence 172, App
	42	15	100.0	287	11	US-11-136-250-175	Sequence 175, App
	43	15	100.0	287	11	US-11-136-250-183	Sequence 183, App
	44	15	100.0	287	11	US-11-136-250-189	Sequence 189, App
	45	15	100.0	287	11	US-11-136-250-189	Sequence 189, App

ALIGNMENTS

RESULT 1
US-10-967-457-46/c
Sequence 46, Application US/10967457
Publication No. US2005024931A1
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: P545PCT
CURRENT APPLICATION NUMBER: US/10/967,457
CURRENT FILING DATE: 2004-10-19
PRIOR APPLICATION NUMBER: US/09/833,041
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/229,358
PRIOR FILING DATE: 2000-04-12
PRIOR APPLICATION NUMBER: 60/256,931
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/199,384
PRIOR FILING DATE: 2000-04-25
NUMBER OF SEQ ID NOS: 90
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 46
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
NAME/KEY: primer bind
OTHER INFORMATION: Degenerate Ykappa forward primer useful for
OTHER INFORMATION: amplifying human VL domains
US-10-967-457-46
Query Match 100.0%; Score 15; DB 7; Length 23;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 16 GGGTCATCTGATGT 15
1 GGGTCATCTGATGT 15
RESULT 2
US-11-175-690-72/c
Sequence 72, Application US/11175690
Publication No. US20060014254A1
GENERAL INFORMATION:

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; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Albinin Fusion Proteins
; FILE REFERENCE: PF605
; CURRENT APPLICATION NUMBER: US/11/175,690
; CURRENT FILING DATE: 2005-07-07
; PRIOR APPLICATION NUMBER: PCT/US04/001369
; PRIOR FILING DATE: 2004-01-20
; PRIOR APPLICATION NUMBER: US 60/441,305
; PRIOR FILING DATE: 2003-01-22
; PRIOR APPLICATION NUMBER: US 60/453,201
; PRIOR FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: US 60/467,222
; PRIOR FILING DATE: 2003-05-02
; PRIOR APPLICATION NUMBER: US 60/472,816
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 60/476,267
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: US 60/505,172
; PRIOR FILING DATE: 2003-09-24
; PRIOR APPLICATION NUMBER: US 60/506,746
; PRIOR FILING DATE: 2003-09-30
; NUMBER OF SEQ ID NOS: 568
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 72
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; OTHER INFORMATION: Degenerate Kappa forward primer useful for
; OTHER INFORMATION: amplifying human VL domains
US-11-175-690-72
```

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Query Match          100.0%; Score 15; DB 11; Length 23;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1 GGGTCATCTGGATGT 15
         |||||
Db      16 GGGTCATCTGGATGT 2
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```

RESULT 3
US-11-121-849-24405/c
; Sequence 24405, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded S
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 24405
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-24405
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Query Match          100.0%; Score 15; DB 11; Length 25;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1 GGGTCATCTGGATGT 15
         |||||
Db      19 GGGTCATCTGGATGT 5
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RESULT 4

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US-11-024-251-47/c
; Sequence 47, Application US/11024251
; Publication No. US20050266425A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; TITLE OF INVENTION: Methods for Producing and Identifying Multispecific Antibodies
; FILE REFERENCE: 1843.0230001
; CURRENT APPLICATION NUMBER: US/11/024,251
; CURRENT FILING DATE: 2004-12-29
; PRIOR APPLICATION NUMBER: 60/533,241
; PRIOR FILING DATE: 2003-12-31
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 47
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer V-Kappa 1
US-11-024-251-47
```

```

Query Match          100.0%; Score 15; DB 11; Length 35;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Oy      1 GGGTCATCTGGATGT 15
         |||||
Db      28 GGGTCATCTGGATGT 14
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```

RESULT 5
US-11-041-095-11
; Sequence 11, Application US/11041095
; Publication No. US20060024782A1
; GENERAL INFORMATION:
; APPLICANT: Lembeck, Jan
; TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or
; FILE REFERENCE: 10453.200-US
; CURRENT APPLICATION NUMBER: US/11/041,095
; CURRENT FILING DATE: 2005-01-20
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 11
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer for PCR
US-11-041-095-11
```

```

Query Match          100.0%; Score 15; DB 11; Length 35;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Oy      1 GGGTCATCTGGATGT 15
         |||||
Db      3 GGGTCATCTGGATGT 17
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```

RESULT 6
US-11-041-095-12/c
; Sequence 12, Application US/11041095
; Publication No. US20060024782A1
; GENERAL INFORMATION:
; APPLICANT: Lembeck, Jan
; TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or
; FILE REFERENCE: 10453.200-US
; CURRENT APPLICATION NUMBER: US/11/041,095
; CURRENT FILING DATE: 2005-01-20
; NUMBER OF SEQ ID NOS: 74
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SOFTWARE: Patentin version 3.3
SEQ ID NO 12
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer for PCR
US-11-041-095-12

Query Match 100.0%; Score 15; DB 11; Length 35;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15
|||
Db 33 GGGTCATCTGGATGT 19

RESULT 7
US-11-041-095-17

Sequence 17, Application US/11041095
Publication No. US20060024782A1
GENERAL INFORMATION:
APPLICANT: Lehmebeck, Jan
TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or
TITLE OF INVENTION: in a Fungal Host Cell
FILE REFERENCE: 10453.200-US
CURRENT APPLICATION NUMBER: US/11/041.095
CURRENT FILING DATE: 2005-01-20
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.3
SEQ ID NO 17
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer for PCR
US-11-041-095-17

Query Match 100.0%; Score 15; DB 11; Length 35;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15
|||
Db 3 GGGTCATCTGGATGT 17

RESULT 8
US-11-041-095-18/c

Sequence 18, Application US/11041095
Publication No. US20060024782A1
GENERAL INFORMATION:
APPLICANT: Lehmebeck, Jan
TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or
TITLE OF INVENTION: in a Fungal Host Cell
FILE REFERENCE: 10453.200-US
CURRENT APPLICATION NUMBER: US/11/041.095
CURRENT FILING DATE: 2005-01-20
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.3
SEQ ID NO 18
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer for PCR
US-11-041-095-18

Query Match 100.0%; Score 15; DB 11; Length 35;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15
|||
Db 33 GGGTCATCTGGATGT 19

RESULT 9
US-11-041-095-23

Sequence 23, Application US/11041095
Publication No. US20060024782A1
GENERAL INFORMATION:
APPLICANT: Lehmebeck, Jan
TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or
TITLE OF INVENTION: in a Fungal Host Cell
FILE REFERENCE: 10453.200-US
CURRENT APPLICATION NUMBER: US/11/041.095
CURRENT FILING DATE: 2005-01-20
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.3
SEQ ID NO 23
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer for PCR
US-11-041-095-23

Query Match 100.0%; Score 15; DB 11; Length 35;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15
|||
Db 3 GGGTCATCTGGATGT 17

RESULT 10

US-11-041-095-24/c
Sequence 24, Application US/11041095
Publication No. US20060024782A1
GENERAL INFORMATION:
APPLICANT: Lehmebeck, Jan
TITLE OF INVENTION: Production of a Monoclonal Antibody in a Heterokaryon Fungus or
TITLE OF INVENTION: in a Fungal Host Cell
FILE REFERENCE: 10453.200-US
CURRENT APPLICATION NUMBER: US/11/041.095
CURRENT FILING DATE: 2005-01-20
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.3
SEQ ID NO 24
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer for PCR
US-11-041-095-24

Query Match 100.0%; Score 15; DB 11; Length 35;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GGGTCATCTGGATGT 15
|||
Db 33 GGGTCATCTGGATGT 19

RESULT 11

US-11-024-251-78/c
Sequence 78, Application US/11024251
Publication No. US20050266425A1
GENERAL INFORMATION:
APPLICANT: Zauderer, Maurice
TITLE OF INVENTION: Methods for Producing and Identifying Multipespecific Antibodies

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FILE REFERENCE: 1843.0230001
; CURRENT APPLICATION NUMBER: US/11/024,251
; CURRENT FILING DATE: 2004-12-29
; PRIOR APPLICATION NUMBER: 60/533,241
; PRIOR FILING DATE: 2003-12-31
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 78
; LENGTH: 37
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer V-Kappa 1a
US-11-024-251-78

Query Match      100.0%; Score 15; DB 11; Length 37;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1 GGGTCATCTGGATGT 15
Db      30 GGGTCATCTGGATGT 16

RESULT 12
US-10-925-366A-14/c
; Sequence 14, Application US/10925366A
; Publication No. US20050271663A1
; GENERAL INFORMATION:
; APPLICANT: Ignatovich, Olga
; APPLICANT: Demildt, Rudolph M.T.
; APPLICANT: Benjamin, Woolven
; APPLICANT: Grant, Steven
; APPLICANT: Jones, Philip
; APPLICANT: Baean, Amirik
; APPLICANT: Brewis, Neil
; TITLE OF INVENTION: Compositions and Methods for Treating Inflammatory Disorders
; FILE REFERENCE: 8039/2105
; CURRENT APPLICATION NUMBER: US/10/925,366A
; CURRENT FILING DATE: 2004-08-24
; PRIOR APPLICATION NUMBER: US 10/744,774
; PRIOR FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: PCT/GB2003/002804
; PRIOR FILING DATE: 2003-06-30
; PRIOR APPLICATION NUMBER: PCT/GB2002/03014
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: GB 0230202.4
; PRIOR FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: GB 115841.9
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: PCT/GB2004/002829
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: US 60/535,076
; PRIOR FILING DATE: 2004-01-08
; PRIOR APPLICATION NUMBER: PCT/GB2003/005646
; PRIOR FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: GB 0327706.8
; PRIOR FILING DATE: 2003-11-28
; PRIOR APPLICATION NUMBER: US 60/509,613
; PRIOR FILING DATE: 2003-10-08
; NUMBER OF SEQ ID NOS: 368
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 14
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic PCR Primer
US-10-925-366A-14

Query Match      100.0%; Score 15; DB 7; Length 39;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Cy      1 GGGTCATCTGGATGT 15
Db      31 GGGTCATCTGGATGT 17

RESULT 13
US-10-839-799-105
; Sequence 105, Application US/10839799
; Publication No. US20050249726A1
; GENERAL INFORMATION:
; APPLICANT: OHTOMO, Toshiniko
; APPLICANT: SATO, Koh
; APPLICANT: TSUCHIYA, Masayuki
; TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
; MEDULLOBLASTOMA CELLS
; NUMBER OF SEQUENCES: 132
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/839,799
; FILING DATE: 06-May-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,265
; FILING DATE: 09-SEP-1996
; APPLICATION NUMBER: WO PCT/JP94/01763
; FILING DATE: 19-OCT-1994
; APPLICATION NUMBER: JP 5-291078
; FILING DATE: 19-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WEGNER, Harold C.
; REGISTRATION NUMBER: 25,258
; REFERENCE/DOCKET NUMBER: 53466/184
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 105:
US-10-839-799-105

Query Match      100.0%; Score 15; DB 7; Length 41;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1 GGGTCATCTGGATGT 15
Db      8 GGGTCATCTGGATGT 22

RESULT 14
US-10-839-799-106/c
; Sequence 106, Application US/10839799
; Publication No. US20050249726A1
; GENERAL INFORMATION:
; APPLICANT: OHTOMO, Toshiniko
; APPLICANT: SATO, Koh
```

TSUCHIYA, Masayuki
TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
MEDULLOBLASTOMA CELLS
NUMBER OF SEQUENCES: 132
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/839,799
FILING DATE: 06-May-2004
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/646,265
FILING DATE: 09-SEP-1996
APPLICATION NUMBER: WO PCT/JP94/01763
FILING DATE: 19-OCT-1994
APPLICATION NUMBER: JP 5-291078
FILING DATE: 19-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: WEGNER, Harold C.
REGISTRATION NUMBER: 25,258
REFERENCE/DOCKET NUMBER: 53466/184
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 106:
US-10-839-799-106
Query Match 100.0%; Score 15; DB 7; Length 44;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GGGTCATCTGGATGT 15
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Db 19 GGGTCATCTGGATGT 5

RESULT 15
US-11-009-840A-222/c
Sequence 222, Application US/11009840A
Publication No. US20060015949A1
GENERAL INFORMATION:
APPLICANT: Medarex, Inc.
APPLICANT: Lonberg, Nile
APPLICANT: Kay, Robert M.
TITLE OF INVENTION: TRANSGENIC NON-HUMAN ANIMALS FOR PRODUCING HETEROLOGOUS
TITLE OF INVENTION: AND CHIMERIC ANTIBODIES
FILE REFERENCE: 04280/1201643-US8
CURRENT APPLICATION NUMBER: US/11/009,840A
CURRENT FILING DATE: 2004-12-10
PRIOR APPLICATION NUMBER: US 09/724,965
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 08/758,417
PRIOR FILING DATE: 1996-12-02
PRIOR APPLICATION NUMBER: US 08/728,463
PRIOR FILING DATE: 1996-10-10
PRIOR APPLICATION NUMBER: US 08/544,404

PRIOR FILING DATE: 1995-10-10
PRIOR APPLICATION NUMBER: US 08/352,322
PRIOR FILING DATE: 1994-12-07
PRIOR APPLICATION NUMBER: US 08/209,741
PRIOR FILING DATE: 1994-03-09
PRIOR APPLICATION NUMBER: US 08/165,699
PRIOR FILING DATE: 1993-12-10
PRIOR APPLICATION NUMBER: US 08/161,739
PRIOR FILING DATE: 1993-12-03
PRIOR APPLICATION NUMBER: US 08/155,301
PRIOR FILING DATE: 1993-11-18
PRIOR APPLICATION NUMBER: US 08/096,762
PRIOR FILING DATE: 1993-07-22
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 418
SOFTWARE: PatentIn version 3.3
SEQ ID NO 222
LENGTH: 44
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-11-009-840A-222
Query Match 100.0%; Score 15; DB 11; Length 44;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GGGTCATCTGGATGT 15
|||
Db 29 GGGTCATCTGGATGT 15

Search completed: February 12, 2006, 18:50:46
Job time : 112.597 secs

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